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LEAK DETECTION



ULTRASONIC









FEBRUARY 2025

QUALITY EQUIPMENT DISTRIBUTORS, INC.

NDT PRODUCTS CATALOG

QED







CALIBRATIONS AND REPAIR IN-HOUSE OR ON-SITE





VISUAL





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RADIOGRAPHY RADIOGRAPHIC AIDS FILM VIEWING / MEASURING DEVICES

LED Film Viewers

QED Film Viewers

► A-Series Film Viewers Include: Selected Film Viewer, Power Supply, Foot Pedal, Instruction Manual, Test Report, Rugged Aluminum Carrying Case and 1 Year Warranty

▶ QVL-Series Film Viewers Include: Selected Film Viewer with Adjustable Handle and Mounting Brackets, Power Supply, Electronic Masking, Foot Pedal, Instruction Manual, Test Report and 5 Year Warranty



Viewer pictured above has underwent Anti-Corrosion Treatment. See Service Section for More Information

Model	Window Size	Luminance Cd/m ²	Max Viewing Density	Masking	Warranty	Price
A2	2.5" x 8"	≥ 110,000	4.1	N/A	1 Year Parts	Call for Pricing
A8L	3" x 15.7"					Call for Pricing
QVL8	3.25" x 8"	120,000	4.1	Electronic	5 Year Parts	Call for Pricing
QVL17	3.75" x 15.75"					Call for Pricing







QVL17-D

LCNDT LED Film Viewers

LCNDT founded in 1992, is a specialized supplier of NDT equipments, engineering, and trade. In 2008, LCNDT introduced what could possibly be the world's first industrial film viewer, the FV-2008, utilizing LED as its light source, marking the beginning of its export trade. In the subsequent years, LCNDT successively launched products such as FV-2009, FV-2010, and FV-2014.

Viewer's Include: Selected Film Viewer, Either External or Electronic Mask Option, Foot Pedal, Instruction Manual, Test Report, Warranty Card and Carrying Bag (Depending upon Model)

Standard Film Viewers



Model	Window Size	Luminance Cd/m ²	Max Viewing Density	Masking	Warranty	Price
FV-2008 Plus	3.2" x 8.7"	300,000	4.3	Electronic		Call for Pricing
FV-2009 Plus	2.5" x 8"	120,000	4.1	1.8" x 6"	5 Year Parts	Call for Pricing
FV-2010 Plus	4" x 15.8"	120,000	4.1	Electronic		Call for Pricing
FV-2014	13" x 16.1"	≥ 100,000	≤ 4.0	Electronic		Call for Pricing
FV-2014-IRIS	Main - 14" x 17"	≥ 100,000	≤ 4.0	Electronic	2 Year Parts	Call for Pricing
	Iris - Ø 4"	≥ 280,000	≤ 4.4	Adj. Ø 0.2" -4"		can for Pricing
FV-2018-IRIS	Ø 4"	300,000	4.5	Adj. Ø 0.2" -4"		Call for Pricing

FV-2008 Plus





FV-2009 Plus



FV-2010 Plus

FV-2014







FV-2018-IRIS

LCNDT Built-In Densitometer Option

In addition to having all of the same advantages of the FV-2009/10 Plus, The FV-2009/10-T Plus comes with a built-in densitometer, which has the following features:

Model	Density	Accuracy	Resolution	Aperture	Price
FV-2009T Plus	0.00 - 5.00 ± 0.03		± 0.01	3mm	Call for Pricing
FV-2010T Plus	0.00 - 5.00	± 0.03	± 0.03 ± 0.01		Call for Pricing
	FV-2009T Plus		FV-2010T Plus	7	

Effective Date - 2/13/2025



Densitometers

► The Speedmaster **SM-10T** Digital Transmission Densitometers are designed to meet the need for an accurate and affordably priced instrument to measure any NDT x-ray, or processor control test films. The rugged durability, minimal drift, and no warm-up time provide fast dependable readings.

► The Speedmaster "Pocket Pal" SM-12 has been designed to meet industry's needs for a small portable densitometer. No separate light source is required, just insert the film (3" film measurement depth), align the area to be read, and press a button.

► The Speedmaster **SM-14** Digital Densitometer is designed to meet the need for an accurate and affordably priced instrument to measure any film directly from a viewer. With the film on your viewer, just place the SM-14's "Easy Read" probe over the area to be read then push the read button.

Part Number	Model	Density	Accuracy	Resolution	Aperture	Price	
5009	SM-10T	0.00 - 5.00			2mm	Call for Pricing	
5012	SM-12	0.00 - 4.00	0.00 4.00	± 0.02	± 0.01	3	Call for Pricing
5014	SM-14				3mm	Call for Pricing	







SM-14



► The LCNDT **DT-100** is a robust, easy-to-use portable digital densitometer for measuring the transmission density of x-ray film. Simply place the probe on the film where the reading is required, and the reading appears on the 4-digit LCD screen with a white light illuminated display.

► The **DT-200** portable densitometer is a robust, easy to use, portable densitometer with a separate probe for measuring the density of X-ray film.

DT-300 Plus

► The **DT-300 Plus** is a robust and easy to use tabletop densitometer for measuring black and white transmission x-ray film. This unit provides highly accurate and repeatable measurements of film with densities up to 5.0D, and its high luminance spot light provides more subtlety than can be seen by the naked eye. Designed to be used in darkrooms, laboratories and offices, the DT-300 is truly a powerful unit that provides easy measurement of film anywhere.

Model	Density	Accuracy	Resolution	Aperture	Price
DT-100		0.00 - 5.00 ± 0.03		3mm	Call for Pricing
DT-200	0.00 - 5.00		± 0.01	Smm	Call for Pricing
DT-300 Plus				1, 2 and 3mm	Call for Pricing

00

DT-200





NDT Density Step Tablets

Density Step Tablets, also called Density Film Strips, are an authenticated film strip tablet which are used for revising densitometers that are applied to measure X-ray and ray penetrating densities.

Manufacturer	Part Number	Number of Steps	Density Range	Price
ESECO	5005	5	0.5 thru > 4.0	Call for Pricing
ESECO	5004	21	0.15 thru > 5.0	Call for Pricing
AGFA	3UEPB	14		Call for Pricing
Carestream	1842137	17	< 0.20 thru > 4.0	Call for Pricing



FILM MARKERS

Lead Numbers and Letters

Precision lead numbers and letters are clean with sharp smooth edges, and produce clear, well defined images. All types shown below are available in letters A - Z, and numbers 0 - 9.

Designed to hold both numbers and letters. These lead number cases are made of ABS high impact plastic and contain a polyethylene sponge inside the cover which prevents accidental mixing of numbers and letters when the cover is closed.



Brand	Style	Size	Length	Thickness	Quantity / Pack	Price
QED	Flat Face	1⁄4"	.315"	.056"	100	Call for Pricing
	Deep V	17 11	.300"	.100"	100	Call for Pricing
	Flat Face	1⁄4"	.322"	.050"	100	Call for Pricing
South	Deep V	3⁄8"	.416"	.100"	50	Call for Pricing
Manufacturing	Flat Face	-78	.419"	.065"	100	Call for Pricing
	Deep V	1/2"	.504"	.140"	50	Call for Pricing
	Flat Face	72	.498"	.075"	100	Call for Pricing
	Deep Block	1⁄4"	.250"	.078"	50	Call for Pricing
	Flat Face		.250	.047"	50	Call for Pricing
	Deep Block	3⁄8"	.375"	.078"	50	Call for Pricing
	Flat Face		.375	.047"	50	Call for Pricing
Ray-Check	INDUSTRIAL	1/2"		.250"	10	Call for Pricing
Manufacturing	Deep Block		.500"	.078"	50	Call for Pricing
	Flat Face			.062"	50	Call for Pricing
	Deep Block	3⁄4"	.750"	.078"	25	Call for Pricing
	INDUSTRIAL	-74	.750	.250"	10	Call for Pricing
	Deep Block	1"	1.00"	.078"	25	Call for Pricing
	INDUSTRIAL	1	1.00	.250"	10	Call for Pricing

LL-CASE-RED	Lead Letter and Number Case, 38 Compartment, Red

Call for Pricing

Identification Printer (Film Flasher)

Item		Description	Price	
17104	WOLF Manual ID Printer		Call for Pricing	
		1" Reference Standard		
		Like magic 1" reference ball attaches itself to any ferromagnetic material, making a radiographers li ball can be used as a reference for measuring pipe wall.	fe just a little easier. The	
. Card	EXP7000	For accurate measurement, the ball must be put as near as possible to the exact side of the pipe parallel to the image media so that the enlargement of the pipe wall is the same as that of the ball.		
	If the comparator or ball is not touching the pipe because of insulation, aim the source at the center of the space between the two. This will help insure an equal amount of enlargement to the ball and the pipe wall.			
Item		Description	Price	
SP*001218	1" OD Non-Magnetic Refer	ence Ball (Includes Certificate of Conformance)	Call for Pricing	

SP*001201	1" OD MAGNETIC Reference Ball (Includes Certificate of Conformance)		Call for Pricing
EXP7000	Exposure 1" Measurement Reference Ball, Includes a unique serial number and certificate of conformance (±0.002	5" Standard Tolerance)	Call for Pricing
Ray-Check P	LITY INDICATORS (IQIs) laque Type IQI's (Penetrameters)		Se cir
advantage in obtaining conformity. Ray-Check's	ith accurate, perfectly spaced drilled and reamed holes, ultrasonically cleaned, give the technician every clear, well defined images on the radiograph. All IQI's are accompanied by a manufacturer certificate of s quality control system complies with ISO 9001:2015 (replaces MIL-I-45208A) and ANSI-NCSL-Z540 62-A) and is traceable to the National Institute of Standards and Technology (NIST). ptions	AST ASTMENT	Asterestas

Ray-Check Plague Type IQI's (Penetrameters)

Additional IQI Options

• •		
Item	Description	Price
RCM-SC-PIQI	Ray-Check Mfg. Serialize and Calibrate Plaque Type IQI's	Call for Pricing
RCM-SC-RPIQI	Ray-Check Mfg. Serialize and Calibrate (Customer Returned) Plaque Type IQI's	Call for Pricing
RCM-SC-WIQI	Ray-Check Mfg. Serialize and Calibrate Wire Type IQI's	Call for Pricing
RCM-SC-PIQI-SA25	Ray-Check Mfg. Serialize and Calibrate Plaque Type IQI's, 25 Piece Set A	Call for Pricing
RCM-SC-PIQI-SA28	Ray-Check Mfg. Serialize and Calibrate Plaque Type IQI's, 28 Piece Set A	Call for Pricing
RCM-SC-PIQI-SB11	Ray-Check Mfg. Serialize and Calibrate Plaque Type IQI's, 11 Piece Set B	Call for Pricing
RCM-E-IQI	Ray-Check Mfg. Encapsulate Plaque Type IQI's	Call for Pricing
RCM-SC-MS	Ray-Check Mfg. Serialize and Calibrate Mounting Blocks or Shims	Call for Pricing
RCM-SC-RMS	Ray-Check Mfg. Serialize and Calibrate (Customer Returned) Mounting Blocks or Shims	Call for Pricing
RCM-WC-SETA	Ray-Check Mfg. Wood Case for Set A Plaque Type IQI's	Call for Pricing
RCM-WC-SETB	Ray-Check Mfg. Wood Case for Set B Plaque Type IQI's	Call for Pricing

*Call for Pricing on Wood Case for Encapsulated IQI's.

Ray-Check Plaque Type Penetrameters - IQI Sets - Includes Wooden Case

Code	SET	IQI Quantity	Sizes Included
ASME SE-1025	A	25 Piece	#5, #6, (#7 or #8), #9, #10, #11, #12, #13, #15, #16, #17, #18, #20, #22, #25, #27, #30, #32, #35, #37, #40, #42, #45, #47, #50
ASTM E-1025	В	11 Piece	#55, #60, #65, #70, #75, #80, #90, #100, #120, #140, #160
NAVSEA/271	A 28 Piece		.25, .30, .35, .40, .45, .50, .55, .60, .65, .70, .75, .80, .85, .90, .95, 1.0, 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 1.8, 2.0, 2.1, 2.2, 2.3, 2.5
	В	11 Piece	2.7, 3.0, 3.2, 3.5, 3.7, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0
ASTM E-1742	A	25 Piece	.25, .31, .37, .43, .50, .56, .62, .68, .75, .81, .87, .93, 1.0, 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 1.8, 2.0, 2.1, 2.2, 2.3, 2.5
	В	11 Piece	2.7, 3.0, 3.2, 3.5, 3.7, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0

MATERIAL GROUPS

Materials have been designated in nine groups based on their radiation absorption characteristics. The materials increase in radiation absorption with increasing numerical designation. The materials for which the IQI for the group are to be made are designated in each case, and these IQI's are applicable for all materials listed in that group. In addition, any group IQI may be used for any material with a higher group number, provided the applicable quality level is maintained.

▶ Non-Metal Materials - Group 001

Group 001: Plastic and Nylon

Light Metal Materials - Group 01, 02 and 03

Group 01: Titanium

Group 02: Aluminum 6061, 2014, 2024, 2219 and 7075 **Group 03:** Magnesium AZ31 and ZK60

▶ Heavy Metal Materials - Group 1, 2, 3, 4 and 5

Group 1: Steel (1018) and 300 Series Stainless Steels

Group 2: Aluminum Bronze

Group 3: Inconel 600, 625, 718 and Waspaloy

Group 4: Brass, Copper, Cupro-Nickel, Monel 400, Nickel, Hastelloy X and Rene 41

Group 5: Phosphor-Bronze, Cobalt (Haynes 188), Cobalt (Haynes 25) and Hastelloy C



All Code(s)	Material		Price
	Steel (1018), Stainless Steel (304), Aluminum (6061)	Α	Call for Pricing
ASME SE-1025	Steel (1018), Stainless Steel (304), Aluminum (0001)	В	Call for Pricing
ASTM E-1025	Aluminum 2014, 2024, 2219, 7075, Aluminum Bronze, Brass, Copper, Cupro-Nickel,	Α	Call for Pricing
NAVSEA/271	Inconel 600, Magnesium AZ31 & ZK60, Monel 400, Nickel, Phosphor-Bronze	В	Call for Pricing
ASTM E-1742	Titanium Calalt Unstellau C. Unstellau V. Insonal CIC. Insonal 710. Zinsonium	Α	Call for Pricing
	Titanium, Cobalt, Hastelloy C, Hastelloy X, Inconel 625, Inconel 718, Zirconium	В	Call for Pricing

Ray-Check Plaque Type Penetrameters - Individual IQI's - ASME SE-1025 and ASTM E-1025

Specification	Size	Dimensions		Material		
Specification	Size	Length x Width	Piate i di			Price
	#5 thru #20	1½" x ½"	Steel (1018)			Call for Pricing
	#22 thru #50	172 X 72	Stainless Steel (304)			Call for Pricing
	#55 thru #100	2¼" x 1"	Aluminum (6061)			Call for Pricing
	#110 thru #160	294 X I				Call for Pricing
	#5 thru #20	11/ 11 1/ 11	Aluminum (2014, 2024	Copper	Magnesium ZK60	Call for Pricing
ASME SE-1025	#22 thru #50	11⁄2" x 1⁄2"	2219 and 7075)	Cupro-Nickel	Monel 400	Call for Pricing
ASME SE-1025	#55 thru #100	21/ 1 11	Aluminum Bronze	Inconel 600	Nickel	Call for Pricing
	#110 thru #160	2¼" x 1"	Brass	Magnesium AZ31	Phosphor-Bronze	Call for Pricing
	#5 thru #20	11/ 11 1/ 11	Cobalt (Haynes 25)	Inconel 625	Rene 41	Call fax Driving
	#22 thru #50	1½" x ½"	Cobalt (Haynes 188)	Inconel 718	Titanium	Call for Pricing
	#55 thru #160	21/ 1 11	Hastelloy C	Plastic	Waspaloy	Call for Pricing
	#170 thru #400	2¼" x 1"	Hastelloy X	Nylon	Zirconium	Call for Pricing
ASTM E-1025	#5 thru #20	1½" x ½"	Steel (1018)			Call for Pricing
	#22 thru #50	1 /2 X /2	Stainless Steel (304)			Call for Pricing
	#55 thru #100	2¼" x 1"	Aluminum (6061)			Call for Pricing
22 E	#110 thru #160	2 % X 1				Call for Pricing
STAINLESS STER	#5 thru #20	114	Aluminum (2014, 2024	Copper	Magnesium ZK60	Call for Pricing
ESS	#22 thru #50	11/2" x 1/2"	2219 and 7075)	Cupro-Nickel	Monel 400	Call for Pricing
AINL	#55 thru #100	21/ 1 × 11	Aluminum Bronze	Inconel 600	Nickel	Call for Pricing
ST	#110 thru #160	2¼" x 1"	Brass	Magnesium AZ31	Phosphor-Bronze	Call for Pricing
	#5 thru #20	11/ " ~ 1/ "	Cobalt (Haynes 25)	Inconel 625	Rene 41	Call for Pricing
5	#22 thru #50	11⁄2" x 1⁄2"	Cobalt (Haynes 188)	Inconel 718	Titanium	Call for Pricing
	#55 thru #160	21/ 1 × 11	Hastelloy C	Plastic	Waspaloy	Call for Pricing
	#170 thru #400	2¼" x 1"	Hastelloy X	Nylon	Zirconium	Call for Pricing

Effective Date - 2/13/2025

Prices are subject to change without notice

AINLESS STEEL

ASTM & 1025

Ray-Check Plaque Type Penetrameters - Individual IQI's - NAVSEA/271 and ASTM E-1742

Specification	Size	Dimensions Length x Width		Material		Price
	.01 thru 1.0	1½" x ½"	Steel (1018)			Call for Pricing
	1.1 thru 2.5	172 X 72	Stainless Steel (304)			Call for Pricing
	2.7 thru 5.0	2¼" x 1"	Aluminum (6061)			Call for Pricing
	5.2 thru 8.0	2 1/4 ° X 1 °				Call for Pricing
	.01 thru 1.0	1½" x ½"	Aluminum (2014, 2024	Copper	Magnesium ZK60	Call for Pricing
NAVCEA / 271	1.1 thru 2.5	1 /2 X /2	2219 and 7075)	Cupro-Nickel	Monel 400	Call for Pricing
NAVSEA/271	2.7 thru 5.0	2¼" x 1"	Aluminum Bronze	Inconel 600	Nickel	Call for Pricing
	5.2 thru 8.0	2 1/4 ° X 1 °	Brass	Magnesium AZ31	Phosphor-Bronze	Call for Pricing
	.01 thru 1.0	11/ 11 1/ 1/ 1	Cobalt (Haynes 25)	Inconel 625	Rene 41	Call for Pricing
	1.1 thru 2.5	1½" x ½"	Cobalt (Haynes 188)	Inconel 718	Titanium	Call for Pricing
	2.7 thru 8.0	57,14	Hastelloy C	Plastic	Waspaloy	Call for Pricing
	8.5 thru 20.0	2¼" x 1"	Hastelloy X	Nylon	Zirconium	Call for Pricing
ASTM E-1742	.01 thru 1.0	2" x ½"	Steel (1018)		0	Call for Pricing
	1.1 thru 2.5	Z X 72	Stainless Steel (304)	ואט. וואנ	J.	Call for Pricing
SS	2.7 thru 5.0	2.850" x 1"	Aluminum (6061)			Call for Pricing
• •	5.2 thru 8.0	2.850° X 1°				Call for Pricing
• ASTM.E-1742	.01 thru 1.0	2" x ½"	Aluminum (2014, 2024	Copper	Magnesium ZK60	Call for Pricing
	1.1 thru 2.5	Z X 72	2219 and 7075)	Cupro-Nickel	Monel 400	Call for Pricing
STI ST	2.7 thru 5.0	2.850" x 1"	Aluminum Bronze	Inconel 600	Nickel	Call for Pricing
	5.2 thru 8.0	2.850° X 1°	Brass	Magnesium AZ31	Phosphor-Bronze	Call for Pricing
	.01 thru 1.0	2" x ½"	Cobalt (Haynes 25)	Inconel 625	Rene 41	Call for Pricing
	1.1 thru 2.5	2 X 1/2	Cobalt (Haynes 188)	Inconel 718	Titanium	Call for Pricing
Cale S	2.7 thru 8.0	2.950" v 1"	Hastelloy C	Plastic	Waspaloy	Call for Pricing
	8.5 thru 20.0	2.850" x 1"	Hastelloy X	Nylon	Zirconium	Call for Pricing

*Per ASTM E-1742, IQI's under .25" will be marked with the requested size but will have the same thickness and hole sizes as a .25" IQI. If true 2% thickness IQI's are required for sizes under .25", Call for pricing on Pratt & Whitney IQI's.

Penetrameter Shims and Mounting Blocks

Shims - for use with ASTM E-1025 or NAVSEA/271 IQIs

Some codes require that shims be used under penetrameters to compensate for thickness of a backing ring or weld reinforcement.

Brand	Shim		Thickness (T)		Material		
Didilu	Length x Width x T	Fraction	Decimal	Aluminum	1018 Steel	304 Stainless Steel	
		1/64", 1/32", 1/16"	.015", .031", .062"	Call for Pricing	Call for Pricing	Call for Pricing	
	3⁄4" x 13⁄4" x T	1/8"	.125"	Call for Pricing	Call for Pricing	Call for Pricing	
South	South does not	3/16", 1/4"	.187", .250"	Call for Pricing	Call for Pricing	Call for Pricing	
Manufacturing	include any	3/8"	.375"	Call for Pricing	Call for Pricing	Call for Pricing	
	identification on	1/2"	.500"	Call for Pricing	Call for Pricing	Call for Pricing	
	each Shim	1"	1.00"	Call for Pricing	Call for Pricing	Call for Pricing	

Brand	Shim	Material	Material		Price per Thickness (T)		
Diallu	Length x Width x T	Material	.00505"	.0625"	.2650"	.51 - 1.0"	
Ray-Check		Steel (1018)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
Manufacturing		Aluminum (6061)	can for Friding	can for Friding	can for Friding	can for Friding	
a contractor and	3⁄4" x 2" x T	Magnesium AZ31 & ZK60	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
******		Aluminum 2014, 2024, 2219, 7075	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
DAL NO		Stainless Steel (304)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
NH ALU		Copper, Brass, Alum-Bronze		can for Friding	call for Friding	can for Friding	
1910	Ray-Check includes	Inconel 600, Cu-Ni & Phos-Brnz	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
ALL	the material and	Nickel, Monel, Hast X & C, Monel	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
29091	thickness identified	Waspalloy	Call for Pricing	Call for Pricing	Call for Pricing	Up to .375"	
	on each Shim	Titanium, Inconel 625 or 718, Zirconium	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	
		Cobalt (Haynes 25 or 188)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing	

Mounting Blocks - for use with ASTM E-1742 IQIs

Standard mounting blocks are supplied in sizes corresponding with ASTM E-1742 IQI sizes.

Brand	Mounting Block	Material	Price per Thickness (T)			
branu	Length x Width x T	Material	.00550"	.51 - 1.0"	1.1 - 1.5"	1.6 - 2.5"
		Steel (1018)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
		Aluminum (6061)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
	1" x 2¼" x T	Magnesium AZ31 & ZK60	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
		Aluminum 2014, 2024, 2219, 7075	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
Ray-Check		Stainless Steel (304)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
Manufacturing	Day Charle includes	Copper, Brass, Alum-Bronze	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
	Ray-Check includes the material and	Inconel 600, Cu-Ni & Phos-Brnz	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
	thickness identified on each Mounting	Nickel, Monel, Hast X & C, Inconel 625 & 718	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
	Block	Waspalloy	Call for Pricing	Up to .375" Only		
	DIOCK	Titanium, Zirconium	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing
		Cobalt (Alloy Haynes 188)	Call for Pricing	Call for Pricing	Call for Pricing	Call for Pricing

Effective Date - 2/13/2025

Ray-Check Plaque Type Penetrameters - Individual IQI's - Pratt & Whitney

Pratt & Whitney specifies the use of two classifications of IQI's under the XRM document: TAM specs and ASTM E-1742.

TAM specs are tool numbers assigne to IQI's with a true 2% sensitivity, for use on material sections under 0.2". TAM specs contain detail numbers, each one representing a specific IQI thickness. Additionally, TAM specs contain an AMS number, which specifies the material of the IQI.

ASTM E-1742 is used for all materials, for use on sections from 0.05" and up, with a minimum IQI thickness of 0.005". For materials not covered by a TAM number, see True 2% Penetrameters / IQI's - ASTM E-1742.



Prices include serialization, calibration & acromag cert

Prices are subject to change without notice

Pratt & Whitney TAM Code	IQI Width	Details Sizes	Material	AMS #	Price
	1/2"	#1, #2, #3, #4, #5, #6			Call for Pricing
TAM 108533	72	.05", .07"(or .08"), .10", .12", .15", .20"	Stainless Steel	5640	can for Friding
TAM 100555	1/4 "	#7, #8, #9, #10, #11, #12		5010	Call for Pricing
	74	.05", .07"(or .08"), .10", .12", .15", .20"			current ricing
	1/2"	#1, #2, #3, #4, #5, #6			Call for Pricing
TAM 140607		.05", .07"(or .08"), .10", .12", .15", .20"	6AL/4V Titanium	4928	oun for through
1411 140007	1/4"	#7, #8, #9, #10, #11, #12			Call for Pricing
		.05", .07"(or .08"), .10", .12", .15", .20"			
	1/2"	#1, #2, #3, #4, #9, #10	Hastelloy X	5754	Call for Pricing
TAM 142937	12	.05", .07"(or .08"), .10", .12", .15", .20"	Inconel 600	5540	,
1,411212507	1/4 "	#5, #6, #7, #8, #11, #12	Inconel 718	5589	Call for Pricing
	/4	.05", .07"(or .08"), .10", .12", .15", .20"	Waspaloy	5706	oun for through
	1/2"	#1, #2, #3, #4, #9, #10			Call for Pricing
TAM 142401	/2	.05", .07"(or .08"), .10", .12", .15", .20"	Cobalt (Haynes 25)	5759	
1401	1/4 "	#5, #6, #7, #8, #11, #12		5755	Call for Pricing
	'/4''	.05", .07"(or .08"), .10", .12", .15", .20"			

*TAMS are only made in sizes .05" thru .20" per TAM drawings. You can order any size in this range, but only the sizes listed above will have detail numbers.

Ray-Check Plaque Type Penetrameters - Individual IQI's - True 2% ASTM E-1742 (Conforming to P&W)

These special ASTM-E-1742 Penetrameters are available in sizes under .25" with true 2% thickness and are offered in a range of materials. Lead figures identify the thickness of the material to be radiographed on one end and the material of the IQI on the other end.

If true 2% thickness is not required, or if you require a size larger than .25" see Standard ASTM E-1742 IQI options.

Prices include serialization, calibration & acromag cert

Dimensions Specification	Material	IQI Size / Actual IQI Thickness (2%)				
specification	Length x Width	Material	.05" (.0010")	.10" (.0020")	.15" (.0030")	.20" (.0040")
		Stainless Steel	Call for Pricing			
ASTM E-1742		Inconel 600	Call for Pricing		Pricing	
	2" x ½"	Cobalt (Haynes 25 & 188)	Call for Pricing			
True 2% - Conforming		Hastelloy X, Inconel 625, 718 or Waspaloy	Call for Pricing			
to P&W Specifications		6AL/4V Titanium	Call for Pricing			

Wire Type IQI's (Penetrameters)

The only IQI acceptable by API 1104 (20th Edition) and accepted as an alternative to plaque type IQI's by ASME Section V and AWS, these Wire Type IQI's are encapsulated in vinyl for durability. Available in 4 sizes (Sets A, B, C and D) and inspected with instruments calibrated and traceable to the National Institute of Standards and Technology (NIST).

Each size IQI covers a range of thicknesses for which it is used, based on a standard 2T level of inspection.

IQI SIZE	THICKNESS RANGE
Set A	.25" thru .75"
Set B	.75" thru 1.7"
Set C	1.7" thru 4.0"
Set D	4.0" thru 10.0"



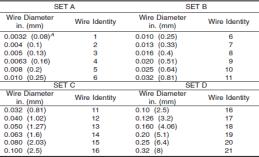


TABLE 1 Wire IQI Sizes and Wire Identity Numbers

Set D	4.0 ullu 10.0			0.100 (2.5) 10 0.32 (6)	21
Brand	Specification	Set	Wire Length	Material (Material Group Number)	Price
QED		Α			Call for Pricing
Includes Certification	ASTM E-747 B 2" Stainless Steel (1) C 4 2" Stainless Steel (1) Aluminum (02)	В	2"	Stainless Steel (1)	Call for Pricing
with Batch Number		С			Call for Pricing
Ray-Check		Α			Call for Pricing
Manufacturing		В	2"		Call for Pricing
IQI's are standardly		С	2	Stainless Steel (1)	Call for Pricing
accompanied by a		Aluminum (02)	Call for Pricing		
Manufacturer Certificate of	ASTM E-747	С	3"	Copper (4)	Call for Pricing
Conformance	onformance	С	4"		Call for Pricing
Serialization &		D	4		Call for Pricing
Calibration are		Α	211	Titestine (01)	Call for Pricing
Available for an		В	2"	Titanium (01)	Call for Pricing
Additional Cost - P/N:		Α	211		Call for Pricing
RCM-SC-WIQI		В	2"	Inconel 600 (3)	Call for Pricing

FILM HOLDERS

Hexalon (FLEX & ULTRA) Lead Intensifying Cut Screens

Hexalon is the popular industry standard lead intensifying screen when performing radiographic testing. The FLEX screen includes a proprietary fiber 90 backing for greater flex and durability. The ULTRA screen is the best production screen available and offers the greatest flexibility and resistance to crimping than any other screen on the market.

WarrenNDT

Item	Size	Thickness	FLEX	
		.005"	Call for Pricing	Call for Pricing
FLEX	70mm X 10"	.010"	Call for Pricing	Call for Pricing
. ==/		.005"	Call for Pricing	Call for Pricing
at the set of Althouse	70mm X 17"	.010"	Call for Pricing	Call for Pricing
A A A F & MARTIN		.005"	Call for Pricing	Call for Pricing
A P P P I S Proster	3.5" X 10"	.010"	Call for Pricing	Call for Pricing
		.005"	Call for Pricing	Call for Pricing
the the set the set	3.5" X 17"	.010"	Call for Pricing	Call for Pricing
the states		.005"	Call for Pricing	Call for Pricing
The second	4.5" X 10"	.010"	Call for Pricing	Call for Pricing
A A A A A A A A A A A A A A A A A A A	4.5" X 17"	.005"	Call for Pricing	Call for Pricing
		.010"	Call for Pricing	Call for Pricing
	5" X 7"	.005"	Call for Pricing	Call for Pricing
		.010"	Call for Pricing	Call for Pricing
ULTRA		.005"	Call for Pricing	Call for Pricing
U ETIKA	6" x 10"	.010"	Call for Pricing	Call for Pricing
	6" x 17"	.005"	Call for Pricing	Call for Pricing
		.010"	Call for Pricing	Call for Pricing
		.005"	Call for Pricing	Call for Pricing
	7" X 17"	.010"	Call for Pricing	Call for Pricing
and the first the		.005"	Call for Pricing	Call for Pricing
and the second second	8" X 10"	.010"	Call for Pricing	Call for Pricing
and in the second second		.005"	Call for Pricing	Call for Pricing
and the second	10" X 12"	.010"	Call for Pricing	Call for Pricing
and the second sec		.005"	Call for Pricing	Call for Pricing
0 000 HMM	11" X 14"	.010"	Call for Pricing	Call for Pricing
EN P		.005"	Call for Pricing	Call for Pricing
~	14" X 17"	.010"	Call for Pricing	Call for Pricing

Film Cassettes



This completely flexible film holder (cassette) is easily molded around irregular shapes to ensure proper contact necessary in direct exposure technique. Made from vinyl treated paper with all edges reinforced with tape for durability, this rugged cassette is available in various sizes. **Black** Only.

Item	Color	Style	Size	Price
SVFC70MMX10			70mm x 10"	Call for Pricing
SVFC70MMX17		Flexible	70mm x 17"	Call for Pricing
SVFC3.5X10			3.5" x 10"	Call for Pricing
SVFC3.5X17			3.5" x 17"	Call for Pricing
SVFC4.5X10			4.5" x 10"	Call for Pricing
SVFC4.5X17	Black	man	4.5" x 17"	Call for Pricing
SVFC5X7	DIACK		5" x 7"	Call for Pricing
SVFC6X10			6" x 10"	Call for Pricing
SVFC6X17		sure an	6" x 17"	Call for Pricing
SVFC7X17		Tube Slow	7" x 17"	Call for Pricing
SVFC8X10			8" x 10"	Call for Pricing
SVFC14X17			14" x 17"	Call for Pricing

*Custom sizes are available upon request

Cloth Cassettes

Tough, water resistant, and highly durable. Our cloth cassettes are made with the seam in the center, on the back cassette. One end of the cassettes is sealed with gaffers tape and the other includes a rubber band for easy opening and closing of the cassette.

Item	Color	Style	Size	Price
CFC70X10		Cloth	70mm x 10"	Call for Pricing
CFC70X17		and the second se	70mm x 17"	Call for Pricing
CFC3.5X10	Black	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O	3.5" x 10"	Call for Pricing
CFC3.5X17	DIdCK		3.5" x 17"	Call for Pricing
CFC4.5X10			4.5" x 10"	Call for Pricing
CFC4.5X17			4.5" x 17"	Call for Pricing

*Custom sizes are available upon request



Warren "Flexible" Type Film Holders: Outer Cover made of tough vinyl impregnated fiber stock but flexible enough to contour around shapes. Comes in two colors (specify when ordering) Blue or Black. Inner film envelope made of black shoe material for light tight protection.

Also Available Upon Request - Ideal for Heavy Castings either the "Semi-Rigid" (Black) or "Rigid" (Red) Film Holders - Call for Pricing

Item	Color	Style	Size	Price
WVFC70MMX10		Flexible	70mm x 10"	Call for Pricing
WVFC70MMX17			70mm x 17"	Call for Pricing
WVFC3.5X10		110A #12A	3.5" x 10"	Call for Pricing
WVFC3.5X17		uno k	3.5" x 17"	Call for Pricing
WVFC4.5X10	Black	artsa Arton	4.5" x 10"	Call for Pricing
WVFC4.5X17	Or		4.5" x 17"	Call for Pricing
WVFC5X7	Blue		5" x 7"	Call for Pricing
WVFC7X17	(While Supplies Last)		7" x 17"	Call for Pricing
WVFC8X10			8" x 10"	Call for Pricing
WVFC10X12			10" x 12"	Call for Pricing
WVFC11X14			11" x 14"	Call for Pricing
WVFC14X17			14" x 17"	Call for Pricing

*Custom sizes are available upon request

Cloth Cassette Material (Belting)

This product is constructed by bonding a sheet of neoprene rubber between two high grade duct cloths of the finest quality durable fabrics. The combination of our dual chain stitch construction and the rugged light-proof material makes a product that has proven reliable for many years.

Our belting material is available in 70mm, 3.5", 4.5", 5", 7" and 8" widths. Black only.



Item	Color	Size	Length	Price
BELTING-70MM-1		2.75" (70mm)		Call for Pricing
BELTING-3.5-1		3.5"		Call for Pricing
BELTING-4.5-1	Black	4.5"	1 Foot	Call for Pricing
BELTING-5-1	DidCk	5"	1 FOOL	Call for Pricing
BELTING-7-1		7"		Call for Pricing
BELTING-8-1		8"		Call for Pricing

*Cloth cassette rolls are typically sold in 150' lengths



Backing Material

Our .050" and .062" nylon backing is available in rolls, or cut to specified lengths with corners radiused. This flexible material will not buckle or deteriorate under normal use. Therefore, it can be used as support in new cassettes many times.

Item	Size	Thickness	Length	Price
BACKING-70MM.050	2.75" (70mm)	.050"		Call for Pricing
BACKING-70MM.062	2.75 (70000)	.062"		Call for Pricing
BACKING-3.5.050	3.5"	.050"	1 Foot	Call for Pricing
BACKING-3.5.062	5.5	.062"	I FOOL	Call for Pricing
BACKING-4.5.050	4.5"	.050"		Call for Pricing
BACKING-4.5.062	4.5	.062"		Call for Pricing

Hexalon (FLEX & ULTRA) Lead Intensifying Roll Stock

Hexalon is the popular industry standard lead intensifying screen when performing radiographic testing. The FLEX screen includes a proprietary fiber 90 backing for greater flex and durability. The ULTRA screen is the best production screen available and offers the greatest flexibility and resistance to crimping than any other screen on the market.



Roll Width	Length	Thickness	FLEX Price	ULTRA Price
2.75" (70mm) Roll	300'	.005"	Call for Pricing	Call for Pricing
2.75 (70mm) Rom	180'	.010"	Call for Pricing	Call for Pricing
3.50" (90mm) Roll	300'	.005"	Call for Pricing	Call for Pricing
3:50 (90mm) Rom	180'	.010"	Call for Pricing	Call for Pricing
4.50" Roll	300'	.005"	Call for Pricing	Call for Pricing
4.50 KOII	180'	.010"	Call for Pricing	Call for Pricing
17" Roll	95'	.005"	Call for Pricing	Call for Pricing
17 ROI	54'	.010"	Call for Pricing	Call for Pricing

EXPOSURE AIDS

Industrial Tapes

Item	Descrip	otion	Size	UOM	Price
PM2	Intertape Tan Kraft Fl	atback Paper Tape		Case of 36	Call for Pricing
2060	3M Scotch Green	Masking Tape	1" x 60 Yards	Case of 36	Call for Pricing
PC 600	Shurtape Silver Cl	oth Duct Tape		Case of 48	Call for Pricing
TAPE-GAFFERS-1	DreTance Black Cla	th Coffee Tana	1" x 55 Yards	Roll	Call for Pricin
TAPE-GAFFERS-2	ProTapes Black Clo	ul Gallers Tape	2" x 55 Yards		Call for Pricing
PM2	2060	TAPE-GAFFERS-2		MARKER	
		Dai	nt Markers		1 C 1 - 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C

Since the 1970's, Sakura has been developing markers and pens for use in industrial environments. Extensive research, development has kept Sakura in the forefront of meeting the market demand in various industrial applications such as welding, aerospace, automotive assembly, petrochemical and electronics.

► Markal Valve Action is a fast-drying liquid paint marker that provides long-lasting, wear- and weather-resistant marks that are safe for almost any surface. As the most versatile liquid paint marker in the world, the xylene-free paint reduces user health risks.

Manufacturer	Туре	Available Color(s)	Tip Diameter	Temp. Rating	Price / Each	Price / Case
	Solid Marker Original	11 - White, Black, Blue, Red, Green, Purple, Orange, Yellow, Fl. Lemon, Fl. Orange and Fl. Pink	13mm	14 - 392 °F	Call for Pricing	Call for Pricing
	SM Low Temp.	6 - White, Yellow, Red, Blue, Green and Black	13mm		Call for Pricing	Call for Pricing
**	SM Low Temp. Slim	5 - White, Yellow, Red, Blue and Black	10mm	-40 - 212 °F	Call for Pricing	Call for Pricing
	SM Low Corrosion	4 - White, Black, Red and Yellow	13mm		Call for Pricing	Call for Pricing
SAKURA®	Pen-Touch Medium	10 - White, Black, Yellow, Red, Purple, Green, Blue, Gold, Silver and Copper	2mm	41 - 104 °F	Call for Pricing	Call for Pricing
Markal [°]	Valve Action Low Corrosion	14 - Brown, Purple, White, Yellow, Red, Black, Orange, Blue, Green, Gold, Light Green, Pink, Aluminum and Light Blue	3mm	-50 - 150°F	Call for Pricing	Call for Pricing

Cassette Holders

Item	Description	Price
SP*001312	Nylon RT Clamp with Rubber Molded Tips, 9 1/2" Length x 5" Opening	Call for Pricing
PDLM1	Paddle magnets are made of a high-impact plastic with a circular ring magnet at one end and a 3" x 4" flap at the other end	Call for Pricing
SP*001085	1/4" Black Bungee Cord, 100' Roll	Call for Pricing
SP*	001312 PDLM1 SP*001085	
vivel Clamp	Description	Price
SP*001793	2.5" Heavy Duty Stainless Steel Grip Head with "T" Top and 5/8" Socket	Call for Pricing
SP*001793	Swivel Clamp Holder	Call for Pricing
SP*001575	RT Jig - 11" C-Clamp with Welded Angle Iron and an 18" CS Rod Welded and Painted Black	Call for Pricing
SP*002025	24" Aluminum Extension Rod	Call for Pricing
SP*001259	18" Aluminum Extension Rod	Call for Pricing
SP*001268	18" Source Stick with Built-In Collimator Holder	Call for Pricing

Contact Jigs

Item	Description	Price
SP*001305	2" Contact Jig (Standard)	Call for Pricing
SP*001306	2" Fitting to Fitting Contact Jig	Call for Pricing
SP*001999	QED 2" Fitting to Fitting Contact Jig	Call for Pricing
SP*002000	QED 2" Contact Jig (Standard)	Call for Pricing



SP*001306

SP*001999



SP*001082

SP*002000

Source Stands / Positioning Devices

Item	Description	Price
SP*001577	RT Magnetic Source Stand with (3) 90lb pull magnets including handle and crossbar painted black	Call for Pricing
SP*001986	Aluminum Magnetic Source Stand with (2) 225lb pull magnets and a 18" x 5/8" rod	Call for Pricing
SP*001339	SPIDER (Source Positioning Device) Collapsible self centering device for short length pipes and vessels (Pipe ID Range 10" - 24")	Call for Pricing
SP*001082	Source Stand 8" x 10" Carbon Steel U-Channel Base with Threaded 5/8" Diameter x 36" Long Aluminum Rod	Call for Pricing





SP*001339

<u>QSA GLOBA</u>

Source Guide Tubes (QSA Global)

Source Guide Tubes are flexible stainless-steel tubes with a protective polyvinyl covering. Available in both Standard (Yellow) and **EXTREME Condition** (Black) Styles. Standard length is 7 foot, additional sizes are available upon request.

Item	Compatible	Style	Туре	Tip Diameter	Adaptor Needed for Source Projector	Price	
1210LG		Standard (Yellow)	Fixed Stop			Call for Pricing	
1220LG		Temperature Rating	Swivel End	Ø ½ Inch	1244 - Bayonet Adaptor	Call for Pricing	
1230	QSA Global	40°F – 120°F	Extension	N/A		Call for Pricing	
1210EXTLG	(SENTINEL)	(SENTINEL)	EXTREME Condition	Fixed Stop	Ø ½ Inch	required to connect to Source – Projector	Call for Pricing
1220EXTLG		Temperature Rating	Swivel End	Ø 92 INCH		Call for Pricing	
1230EXT		-65°F – 250+°F	Extension	N/A		Call for Pricing	



Type - Swivel End Standard (Pictured)



Type - Extension Standard (Pictured)

Source Guide Tubes (SPEC)

Source Guide Tubes are flexible stainless-steel tubes with a protective polyvinyl covering. Available in both Standard (Yellow) and **EXTREME Condition** (Black) Styles. Standard length is 7 foot, additional sizes are available upon request.



Item	Compatible	Style	Туре	Tip Diameter	Adaptor Needed for Source Projector	Price
1180LG		Standard (Yellow)	Extension	N/A	1236 - Quick Disconnect required to connect to Source	Call for Pricing
1190LG		Temperature Rating 40°F – 120°F EXTREME Condition Temperature Rating	Fixed Stop	Ø ½ Inch	Projector	
1200LG	SPEC		Swivel End		1236 Included	Call for Pricing
1180EXTLG	SFEC		Extension	N/A	1236 - Quick Disconnect required to connect to Source	Call for Pricing
1190EXTLG			Fixed Stop	Ø ½ Inch	Projector	can for Pricing
1200EXTLG		-65°F – 250+°F	Swivel End	972 IIICII	1236 Included	Call for Pricing

Source Tube Components, Attachments & Accessories

Item	Compatible	Description	Price
1244		Guide Tube Bayonet Adaptor for your SENTINEL Series Source Projector	Call for Pricing
1237	QSA Global (SENTINEL)	SENTINEL Threaded End Stop (34"-10 Female Thread), Ø 1/2 Inch Tip	Call for Pricing
1243	(02.111.122)	J-Tube Adapter for QSA Global (SENTINEL) 1"-18M to ¾"-10M	Call for Pricing
1236		Quick Disconnect (¾"-10 Female Thread) for your SPEC 150 Source Projector	Call for Pricing
1254	SPEC	Rigid 18" Stainless Steel Source Tube	Call for Pricing
1255	1	Rigid 24" Stainless Steel Source Tube	Call for Pricing

*Rigid Source Tubes can be used with QSA Global (SENTINEL) Source Guide Tubes when using a 1243 J-Tube Adapter





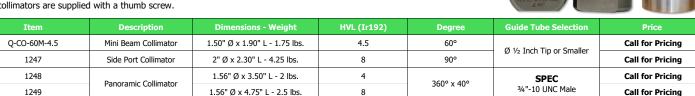






Collimators

Collimators are manufactured with high grade Tungsten material. Side port collimators are available in either flat or slotted faces. Slotted face collimators offer easier and more stable securing during double wall exposure/single wall viewing techniques. Side port collimators are supplied with a thumb screw.



*Panoramic Collimators are manufactured to fit standard ¾"-10 UNC Male Source Tube Fittings (SPEC), Need 1243 J-Tube Adapter for connection to QSA Global (SENTINEL) Source Guide Tubes

Gamma Remote Control Assemblies & Accessories

Gamma radiography control assemblies are used to move a radioisotope source assembly out of a gammaray source projector to the radiographic exposure position. When radiographic exposure is complete, the radiographer retracts the source assembly from the exposure position back to the secured shielded location of the gamma-ray source projector.

QED control assemblies feature a durable drive cable sheathed in either extreme condition or Ambient (Standard) conduits and attached to a new, robust hand crank. Our new hand crank consists of an aluminum handle assembly and hanger to minimize equipment damage and reduce unnecessary downtime. A unique ergonomic crank designed specifically for ease of operation reduces crank resistance by up to 50%, allowing for more productivity and less operator fatigue.



Item	Compatible	Description	Length	Price
QSA1120HS		Flexible Yellow High Speed Hand Crank Remote Controls	25 Foot	Call for Pricing
QSA1122HS	QSA Global (SENTINEL)		35 Foot	Call for Pricing
1577		Go-No-Go Gauge for QSA Global (SENTINEL) Drive Cable Connectors		Call for Pricing
SPEC1120HS	CDEC	Flavikle Vellaw High Cased Hand Crank Demote Controls	25 Foot	Call for Pricing
SPEC1122HS	SPEC	Flexible Yellow High Speed Hand Crank Remote Controls	35 Foot	Call for Pricing

FILM STORAGE

Interleave Paper

►	QED film interleaf	paper is acid-free and	d comes in four comm	on film sizes.	

► South Interleaves are produced using the alkaline paper making process and are available in most film sizes. IP4.5X10-200 4.5" x 10" **Call for Pricing** IP4.5X17-200 4.5" x 17" Pack of 200 **Call for Pricing** QED White 7" x 17" **Call for Pricing** IP7X17-200 14" x 17" IP14X17-200 **Call for Pricing** INT3.5X10-200 3.5" x 10" **Call for Pricing** INT3.5X17-200 3.5" x 17" **Call for Pricing** INT5X7-200 5" X 7" **Call for Pricing** Yellow South Mfg. INT8X10-200 8" X 10" Call for Pricing INT10X12-200 10" X 12" Call for Pricing 11" X 14" INT11X14-200 **Call for Pricing**

Film Storage Envelopes

High Grade 28 oz. and 32 oz. brownkraft exposed film storage envelopes. Available in both Unprinted and PRINTED. Printed envelopes are customized as per your company design or our standard layout. A one time set-up fee for all Printed Envelopes applies for the cost of the metal imprint plate.

Item (UNPRINTED)	Size	UOM	Image	Blank Envelope	Printed Envelope
E45X10	4.5" x 10"	Pack of 100		Call for Pricing	Call for Pricing
E45X10	4.5 X 10	Case of 500	Your Logo Here	Call for Pricing	Call for Pricing
E45X17	4.5" X 17"	Pack of 100		Call for Pricing	Call for Pricing
E45X17	4.5 X 17	Case of 500	CUSTOMER NO WOMER I ZO ALAMER	Call for Pricing	Call for Pricing
ENV5X7	5" X 7"	Pack of 100	PART NUMBER NO. FILM	Call for Pricing	N//A
EINV5X/	5 X /	Case of 1,000	901.000 1000 00 000000000000000000000000	Call for Pricing	N/A
E7X17	7" X 17"	Pack of 100		Call for Pricing	Call fay Driving
E/X1/	/ X 1/	Case of 500		Call for Pricing	Call for Pricing
EN 10/10	8" X 10"	Pack of 100		Call for Pricing	Call fay Driving
ENV8X10	0 X IU	Case of 500		Call for Pricing	Call for Pricing
E10X12	10" X 12"	Pack of 100		Call for Pricing	
EIUXIZ	10 X 12	Case of 500		Call for Pricing	N/A
ENV11X14	11" X 14"	Case of 500		Call for Pricing	N/A
	1411 1 171	Pack of 100	TICHNICAN	Call for Pricing	Coll for Delain a
ENV14X17	14" X 17"	Case of 500		Call for Pricing	Call for Pricing

*Printed Envelopes have a unique item number specific to each Customer

Film Storage Boxes

Item	Size	Number of Cell Dividers	Quantity	Price
			10 Thru 190	Call for Pricing
S-70/25		25	200 Thru 490	Call for Pricing
	70mm Sold in Quantities of 10 Only		500+	Call for Pricing
			10 Thru 190	Call for Pricing
S-70/49		49	200 Thru 490	Call for Pricing
			500+	Call for Pricing
	70mm	100	25 Thru 190	Call for Pricing
S-70/100 Sold in Qu	70mm		200 Thru 490	Call for Pricing
	Sold in Quantities of 25 Only		500+	Call for Pricing
S-100/100	100mm		10 Thru 190	Call for Pricing
	1001111	100	200 Thru 490	Call for Pricing
	Sold in Quantities of 10 Only		500+	Call for Pricing







S-70/49

s-70/100 www.geddirect.com S-100/100

CAUTION

RADIATION AREA

PERSONNEL ONLY

RADIATION SAFETY WARNING SIGNS & LABELS

Radiation Signs

Our radiation signs, sun fast and sealed in two sheets of .016" vinyl, are manufactured in a variety of types. Our most popular are:

- ► DANGER High Radiation Area
- ► CAUTION Radiation Area Authorized Personnel Only

Available with Velcro for securing to a barrier rope or grommets on the corners of attachment to a flat surface.

Item	Sign Reads	Price
Radiation Signs	Danger - High Radiation Area Caution - Radiation Area Authorized Personnel Only	Call for Pricing

Barricade Rope and Reel

► SP*001212 - Sun-fast, non-conductive, and reusable, yellow/magenta polypropylene barricade rope is a safe and easy method for marking off radiation areas. Ideal for hanging Velcro secured signed on.

▶ RR - Made of high impact polyethylene with ABS handle and knob.

Item	Description	Price
SP*001212	Radiation Barricade Rope, 5/16" diameter x 1'	Call for Pricing
RR	13" Polyethylene Reel (holds both Barricade Rope and Tape)	Call for Pricing
SP*001261	Storage Wheel with Side-Mounted Handle Allowing you to Quickly Wind and Unwind Barricade Tape or Rope	Call for Pricing

*Barricade Rope is Sold in 600' Rolls

BT-3"



Barricade Tape

Yellow/magenta barricade tape is safe, economical, and an easy method of marking a large radiation area quickly. The nylon reinforced tape is sun-fast, non-conductive, and reusable. Available in the following:

Item	Size	Tensile Strength	Price
BT-3/4"	34" X 150 ft. Roll	100 lb.	Call for Pricing
BT-2"	2" X 150 ft. Roll	300 lb.	Call for Pricing
BT-3"	3" X 1000 ft. Roll	500 lb.	Call for Pricing

Adhesive Signs & Cones

Adhesive Backed Ving	/l Signs - 7" x 10" made with Outdoor Durable Vinyl.	
Item	Description	Price
H1418-AB	Caution Radiation Area Keep Out Sign, 7" x 10", Outdoor Durable Vinyl (Adhesive Backed)	Call for Pricing
H1402-AB	Caution High Radiation Area Sign, 7" x 10", Outdoor Durable Vinyl (Adhesive Backed)	Call for Pricing
SP*001252	Caution Radioactive Materials Sign, 7" x 10", Outdoor Durable Vinyl (Adhesive Backed)	Call for Pricing
OC-18	18" Orange Premium PVC Safety Cones - No Reflective Collar	Call for Pricing



BT-3/4" or BT-2"





SP*001252



OC-18

	<u>Transport Labels</u>			
Item	Description	UOM	Price	
SP*001073	11/2" Diameter RQ Circle Labels		Call for Pricing	
SP*001074	4" x 4" Radioactive II D.O.T. Class 7 Hazard Labels	500 / Roll	Call for Pricing	
SP*001078	4" x 4" Radioactive III D.O.T. Class 7 Hazard Labels		Call for Pricing	

H1418-AB







SP*001078

PERSONAL DOSIMETRY

Tracerco T402 Dose Rate Survey Meter

With a lightweight design and robust and reliable housing, the Tracerco T402 handheld radiation dose rate monitor measures x-ray and gamma-ray dose rate and peak dose exposure. The T402 responds quickly and has an extended range for measurements up to 100 mSv/h (10 rem/hr).

This versatile, rugged, and high-performance dose rate monitor is ideally suited for a range of applications such as oil and gas, mining, nuclear, medical, and environmental and life sciences. With peak dose rate memory for recording maximum exposure levels and easy-to-use controls with a backlight display, the T402 is the perfect companion when using your gamma-ray source projectors.

Survey Meter, Rate Alarm and Pencil Type Dosimeter

Item	Description	Price
T402	Tracerco T402 Dose Rate (0-1000 mR/hr) Digital Numeric Display Survey Meter	Call for Pricing
ND-2000-AV	Analog Version Survey Meter 3 Range (0-1000, 0-100, 0-10 mR/hr)	Call for Pricing
ND-2000-DV	Digital Version Survey Meter 3 Range (0-1000, 0-100, 0-10 mR/hr)	Call for Pricing
RA-500	NDS Survey Meter 500 mR/hr Audible Rate Alarm	Call for Pricing
4329	W138, Pencil Type Dosimeter, 0-200 mR	Call for Pricing



Dosimeter Chargers and Pouches

▶ 750-6 Piezoelectric Dosimeter Charger requires absolutely no batteries...ever! By pulling the trigger, a dosimeter is easily placed in or removed from the Charger. The clamping action automatically holds the dosimeter for you. Ideal for using in Field Operations.

▶ 909B Dosimeter Charger - Easier charging, viewing, dosimeter protection and improved accuracy... these are the biggest reasons that the 909B Dosimeter Charger is the best value on the market today!

Item	Description	Price
750-6	Pistol Grip Piezoelectric Dosimeter Charger	Call for Pricing
909B	Battery Powered Dosimeter Charger	Call for Pricing
SP*001221	Multi-Purpose Poly Holder, Fits Rate Alarms, Pencil Type Dosimeters & other Small Tools	Call for Pricing
RACASE	NDS Products Black Mesh Rate Alarm/Dosimeter Holder	Call for Pricing







909B



SP*001221



RACASE

DARKROOM **PROCESSING AIDS**

Safelights

Item	Description	Price
SP*001535	18' LED Rope Safelight, Red (Lasts up to 50,000 hours); Easy to install; Hardware included	Call for Pricing
19198	The Swivel Safelight is perfect for direct spotlighting. This wall mounted unit swivels to any position. Easy to install via 2 keyholes, the Swivel Safelight includes a GBX Type filter, light bulb, and a 6' cord with a three prong plug.	Call for Pricing
SP*001674	24" Fixture and LED Tube Safelight (Lasts up to 50,000 hours)	Call for Pricing
SP*001675	24" LED Tube Safelight Only (Lasts up to 50,000 hours)	Call for Pricing



Clip Type Developing Hangers

Clip-type hangers for tank development of sheet films. Four clips are attached to a 316 Stainless Steel frame; the upper two are mounted on a bow string to keep the film taut. The interlock design of the clip results in accurate alignment of pin and hole and permits better washing in the clip areas. Larger sized have loop guides to hold the bow spring and top clips in line to maintain proper tension.

Item	Description	Price
16317-S	WOLF Industrial Developing Hanger, Two Film, Clip/Tension Type, Stainless Steel Construction, 4.5" x 10" with 3" Spacer	Call for Pricing
SP*002023	QED 4.5" x 10" Clip Type Film Hanger, 316 Stainless Steel w/ Spacer	Call fax Drising
SP*002024	QED 4.5" x 17" Clip Type Film Hanger, 316 Stainless Steel	Call for Pricing

Developing Reels and Rod

▶ Developing Reels are made of durable ABS plastic, designed for the developing of 70mm roll film. Each Developing Reel will hold 13 feel of roll film.

[►] Developing Rod is constructed with a 24" x 3/4" PVC pipe to ensure minimum contamination of chemicals; not fancy, but effective.

Item	Description	Price
SP*001309	70mm Developing Reel	Call for Pricing
90MM-DR	90mm Developing Reel	Call for Pricing
100MM-DR	100mm Developing Reel	Call for Pricing
4.5"-DR	4.5" Developing Reel	Call for Pricing
ROD-PVC	Developing Rod, 24"L x ¾" Diameter PVC	Call for Pricing



▶ WMI Indicator-Stop Bath is a low odor acetic stop bath. Used in photographic processing to stop the action of a developer on a film. It helps to prolong the life of the fixer solution by reducing carry over of excess developer (alkaline) into the fixer (acidic) and to maintain the activity of the fixer. The indicator component contains a dye that is pH sensitive and changes color from yellow to purple to signal exhaustion.

▶ WMI Flo Wash 200 is a concentrated wetting agent used as a final step in processing to inhibit the formation of water spots or streaks on films.

WMI-FW200

WMI-SB

Туре	Item	Description	Price
	DDC	Radiation Dose/ Distance Calculator	Call for Pricing
Exposure Aids	EXPCALC-EN	Carestream Film Exposure Calculator, Iridium 192 (Same as JEM & other brands)	FREE
	8924177	Carestream NDT Image Guide	FREE
Manual	WMI-SB	WMI Indicator-Stop Bath, 16 oz. Bottle (Makes 8 Gallons)	Call for Pricing
Chemistry	WMI-FW200	WMI Flo Wash 200 Solution, 16 oz. Bottle	Call for Pricing
	300	GRALAB Model 300 Timer	Call for Pricing
	2150SS	Electra SAFE-HETE All-Purpose 5 1/2" x 5 1/2" Portable Electric Water Heater Insulated Handle	Call for Pricing
Manual Film Processing	3150SS	Electra SAFE-HETE All-Purpose 5 1/2" x 11 1/2" Portable Electric Water Heater Insulated Handle	Call for Pricing
Accessories	SP*001326	28" Plastic Stirring Paddle	Call for Pricing
	SP*001072	7 1/4" Floating Thermometer w/ String (Display 30°F - 120°F)	Call for Pricing
	Squeegee	Squeegee, 4.75" Wiper Length	Call for Pricing
	WCG-M, L or XL	White Cotton Inspection Gloves, 12 per Pack (M - 8.1"L , L - 9.2" L , XL - 9.8"L)	Call for Pricing
Film Viewing	SP*001770	Mini Comparater 7X with #5 Reticle and Fabric Pouch	Call for Pricing
Accessories	MD-1	Model-1 (ASME) Film Image Scale w/certs	Call fax Driain a
	MD-2	Model-2 (API 1104) Film Image Scale w/certs	Call for Pricing





8924177





3150SS





EXPCALC-EN

300 www.qeddirect.com

SP*001072

Squeegee

MD-1 & MD-2

MOBILE DARKROOMS

Lemker and Harris Darkrooms

Building Darkrooms Since 1975

Lemker & Harris is the leading manufacturer of mobile fiberglass RT darkrooms and developing tanks for the NDT service and inspection industry in the USA. We've been a family owned business operating since 1975.

We have three models of darkrooms in our "off the shelf" designs. They are the 6', 8', and 8' Generator. All of these models include a developing tank, front foil, 26 hanger dryer, driver side cabinet, and a cabinet above the developing tanks recessed into the foil. You then have the option of whether or not you want to go with the roof mount RV Style air conditioner, or if you want us to install a standard window unit.

We are here for the long haul and stand behind what we build. Our typical unit usable life is over a decade and with proper care, we see them last even longer.



Item	Description	Price
CR6	L&H 6' Darkroom w/ Rear Mount AC	Call for Pricing
CR8	L&H 8' Darkroom w/ Rear Mount AC (Full bed width without generator compartment)	Call for Pricing
CR8G	L&H 8' Generator Darkroom w/ Rear Mount AC	Call for Pricing

Roof Mount AC is an Available \$575 Option

6' Darkroom

This unit is the most popular with pipeline work. Combined with an 8' bed, you have ample storage for anything you may not want to load into a darkroom, but need on the right-of-way.





8' Darkroom

Our 8' units give the technician the most room inside possible for them to work. They also have the most storage inside of the unit. For plant/shop work, this unit is a go to for many companies.

8' Generator Darkroom

This is just like our standard 8' unit, but with the exception of having a convenient storage compartment on the driver's side to store a generator. This unit is versatile as it allows you to have the interior space of an 8' unit with space to keep a generator for those times that there is no supplied power to hook up to.





We will install your new darkroom on your truck at no additional cost, if you pick up at our Houston facility.

Miscellaneous Mobile Darkroom Products

L&H DEVELOPING TANKS

Our Developing Tanks are Widely Considered to be the Industry Standard

The standard design is (5) 10 gallon compartments, which we refer to as the "5 Even". This has been the design that 95%+ of companies have preferred for at least the past 15 years, but we are also happy to provide a developing tank built to your specifications to fit your needs.

Starting in late 2019, we replaced the welded stainless pipe/stud that was used to secure the lid with a serviceable stainless forged receiver with a removable stud that allows you to replace the threaded stud at any point if needed.

It is one of the many ways that we are constantly pushing ourselves to see if there is a better way for us to provide an even better product for our customers.





SP*001764

Item	Description	Price
SP*001764	L&H Developing Tank w/ 5 Even (10 Gallon) Compartments and PVC Plumbing	Call for Pricing
SP*001499	21" Wide x 3/4" Thick x 1" Long Developing Tank Replacement Seal with Peel off Adhesive (Specify Length When Ordering)	Call for Pricing
SP*001053	Replacement Low-Profile Darkroom Heater/Blower	Call for Pricing
SP*001982	Camera Security Box with Mounting Bracket Fits all OEM's Gamma Ray Projectors (ID: 16"L x 10"W x 11"H)	Call for Pricing



DARKROOM TRUCK STEP

QED Steps are Aluminum Construction - Never need grease or paint, only two moving quick releases. Slides into receiver hitch and lifts up during travel and down for use. Helps reduce or eliminate any possible falling accidents.

Item	Description	Price
Q-AHS	QED Aluminum Hinged Darkroom Truck Step	Call for Pricing
Q-AHS-R	QED Aluminum Hinged w/ Handrail Darkroom Truck Step	Call for Pricing



Q-AHS

Q-AHS-R

COMPUTERIZED RADIOGRAPHY (CR) INDUSTREX IMAGING PLATES



The Carestream INDUSTREX improved Flex GP, HR and XL Blue Digital Imaging Plates are:

- Flexible Wrap around most shapes
- Sharp Better resolution than high-speed films, and a suitable replacement for many applications
- Versatile Use in a rigid or flexible cassette

• Efficient – Phosphor plates can be erased and reused thousands of times, require less exposure than film, and provide faster image access

• Certified – All plates meet requirements for the highest system class per EN 14784-1 and ASTM E 2446

High Resolution (HR) Imaging Plates



The high resolution imaging plate is best for applications where the best imaging quality is required. This plate produces weld quality images, and has the best detectability (contrast sensitivity) in the industry. This plate can be used for general X-ray, and Iridium or Selenium applications. Typical industries are oil and gas and aerospace.

Item	Size	Carestream Packaging (QED Packaging	
Item	Size	Quantity	Price	Price
8802324		1 - 24	Call for Pricing	Call for Pricing
8802324	70mm x 10"	25+	Call for Pricing	
8348641	70mm x 17"	1 - 24	Call for Pricing	Call for Pricing
1+00+60	/0///// 1/	25+	Call for Pricing	
1006105	70mm x 24"	1 - 24	Call for Pricing	
1000105	701111 x 24	25+	Call for Pricing	N/A
1004746	70mm x 36"	1 - 24	Call for Pricing	N/A
1004740	701111 x 36	25+	Call for Pricing	
8094922	3.5" × 10"	1 - 24	Call for Pricing	Call for Pricing
8094922	5.5 X 10	25+	Call for Pricing	Call for Pricing
1904267	3.5" x 17"	1 - 24	Call for Pricing	Call for Pricing
1904207	5.5 X 1/	25+	Call for Pricing	Call for Pricing
1680214	4.5" x 10"	1 - 24	Call for Pricing	Call for Pricing
1000214	4.5 X 10	25+	Call for Pricing	Call for Pricing
1466045	4.5" x 17"	1 - 24	Call for Pricing	Call for Pricing
1466945	4.5 X 1/	25+	Call for Pricing	Call for Pricing
8491615	5" x 7"	1 - 24	Call for Pricing	N/ A
6491015	5 X /	25+	Call for Pricing	N/A
1734334	6" x 10"	1 - 24	Call for Pricing	Call for Pricing
1/34334	6° X 10″	25+	Call for Pricing	Call for Pricing
1734185	6" x 17"	1 - 24	Call for Pricing	Coll for Driving
1/34105	0 X 17	25+	Call for Pricing	Call for Pricing
1848688	7" x 17"	1 - 24	Call for Pricing	Coll for Driving
1040088	/ X 1/~	25+	Call for Pricing	Call for Pricing
1775776	Q ¹¹ v 10 ¹¹	1 - 24	Call for Pricing	Coll for Driving
1775576	8" x 10"	25+	Call for Pricing	Call for Pricing
1174424	10" - 12"	1 - 24	Call for Pricing	
1174424	10" x 12"	25+	Call for Pricing	
0260521	14" - 17"	1 - 24	Call for Pricing	N/A
8360521	14" x 17"	25+	Call for Pricing	-

Imaging Plate Accessories

Item	Description	Price
SP*001954	16" x 18" Aluminum Profile Backing Plate	Call for Pricing
8619280	Carestream HPX-PRO 6" x 10" Cleaning Plate, Pack of 10	Call for Pricing
5280094	Carestream MIN-R Ready to Use Screen Cleaner Wipes, 50/Bottle	Call for Pricing
8607020	Carestream X-OMAT Antistatic Cleaning Solution for Intensifying Screens, 8oz Bottle	Call for Pricing
33390	KIMTECH Pure 100% Polypropylene W4 Dry Wipers 9" x 9", Pack of 100	Call for Pricing

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8619280

5280094

8607020

MAGNETIC PARTICLE MPI CONSUMABLES

MAGNAFLUX

Improve your magnetic particle inspection with Magnaflux fluorescent powders, visible and colored magnetic particles, contrast aid paint and other products for mag particle testing.

MAGNAGLO - Wet Fluorescent Magnetic Particles

Item	Product	Description	Packaging	Price
01-0130-71	14A	Wet Method Fluorescent Powder Concentrate (Makes 94 Gallons)	1 lb. Jar	Call for Pricing
01-1725-78	14A Aqua-Glo	Water-Based Fluorescent Magnetic Particle	12 Aerosols/Case	Call for Pricing
01-0145-78	01-0145-78 14AM Fluorescent Prepared Bath with Carrier II	12 Aerosols/Case	Call for Pricing	
01-0145-40	IHAN	Fluorescent Prepared Bath with Carrier II	5 Gallon Pail	Call for Pricing

MAGNAVIS - Wet Visible (Black) Magnetic Particles / White Contrast Paint

Item	Product	Description	Packaging	Price
01-1580-78	7HF	Black Visible Premix with Carrier II		Call for Pricing
01-9140-78	MV-740	Water-Based Visible Magnetic Particle Ready-to-Use Suspension	12 Aerosols/Case	Call for Pricing
01-2250-78	WCP-2	White Contrast Paint		Call for Pricing

MAGNAVIS - Dry Visible Magnetic Particles

Item	Product	Description	Packaging	Price
01-1780-69	8A Red	Red Non-Fluorescent Magnetic Powder	10 lb. Pail	Call for Pricing
01-1780-87	oA Reu	eu Non-Fluorescent Magnetic Powder	45 lb. Pail	Call for Pricing
01-1716-69	#1 Grav	Gray Non-Fluorescent Magnetic Powder	10 lb. Pail	Call for Pricing
01-1716-87	#1 Gray	Gray North Tublescent Plaghetic Powder	45 lb. Pail	Call for Pricing
01-1732-69	#2 Yellow	Yellow Non-Fluorescent Magnetic Powder	10 lb. Pail	Call for Pricing
01-1732-87	#2 Tellow	Tellow Non-Fluorescent Magnetic Powder	45 lb. Pail	Call for Pricing



Circle Systems, Inc

Circle Systems designs products with worker safety and environmental protection in mind. Circle has led the way in developing products for use in water based carriers to replace petroleum based chemistry in many applications. Circle has eliminated harmful propellants from the CircleSafe aerosol products.

CircleSafe & Mi-Glow - Wet Fluorescent Magnetic Particles



Item	Product	Description	Packaging	Price
FG-3590	778a	Wet Fluorescent (Water Media)	12 x 19 oz Aerosols/Case	Call for Pricing
FG-3145	800LS-RTU	Wet Fluorescent (Oil Media)	6 x 1 Quart Bottles	Call for Pricing

CircleSafe - Wet Fluorescent & Visible (Dual) Red Magnetic Particles

Item	Product	Description	Packaging	Price
FG-3630	850a	Visible & Fluorescent (Dual) Red Magnetic Particle Bath (Water Media)	12 x 19 oz Aerosols/Case	Call for Pricing

CircleSafe - Wet Visible (Black) Magnetic Particles

Item	Product	Description	Packaging	Price
FG-3600	820a	Nonfluorescent Black (Water Media)	12 x 19 oz Aerosols/Case	Call for Pricing

Mi-Glow - White Contrast Paint

Item	Product	Description	Packaging	Price
FG-3740	WCP	White Contrast Paint	12 x 16 oz Aerosols/Case	Call for Pricing

Sir-Chem - Dry Visible Magnetic Particles

Item	Product	Description	Packaging	Price
FG-2551	61	Gray Dry Powder	10 lb. Jar	Call for Pricing
FG-2555	01	Giay Diy Fowder	50 lb. Pail	Call for Pricing
FG-2571	63	Red Dry Powder	10 lb. Jar	Call for Pricing
FG-2575	60	Red Diy Powdei	50 lb. Pail	Call for Pricing
FG-2621	66	Yellow Dry Powder	10 lb. Jar	Call for Pricing
FG-2625	00	Tellow Dry Powder	50 lb. Pail	Call for Pricing
FG-2631	68	Blue Dry Powder	10 lb. Jar	Call for Pricing
FG-2635	00	Dide Diy Fowder	50 lb. Pail	Call for Pricing
FG-2651	Black	Black Dry Powder	10 lb. Jar	Call for Pricing
FG-2655	DIdCK	Black Di y Powdei	50 lb. Pail	Call for Pricing



Effective Date - 2/13/2025

Prices are subject to change without notice

Sherwin Incorporated has manufactured its Dubl-Chek line of products since 1964. Dubl-Chek products are approved by governing agencies worldwide, including the US Government, ASME, ASTM, as well as the prime aerospace and military contractors and OEM's.



DUBL-CHEK - Wet Florescent Magnetic Particles

Item	Product	Description	Packaging	Price
GLO-NETIC-16	GLO-NETIC	Fluorescent Premix with Petroleum Carrier	9 Aerosols/Case	Call for Pricing

DUBL-CHEK - Wet Visible (Black) Magnetic Particles / White Contrast Paint

Item	Product	Description	Packaging	Price
BLACK-OXIDE-16	BLACK-OXIDE	Black Oxide Particles with Petroleum Carrier	0 Apresels/Case	Call for Pricing
CP-2-16	CP-2	White Contrast Paint (Non-Stripable)	9 Aerosols/Case	Call for Pricing

MPI CONSUMABLE AIDS MATERIAL ACCESSORIES

Applicators & Centrifuge Tubes

► Type 2000 Magnetic Stripe Card is used for instantly evaluating the performance of the fluorescent wet-method bath as per ASTM E-709 & ASTM E-3024. This card can be used to quantitatively evaluate the performance of the fluorescent materials by displaying the number of indications that can be observed after the material has been applied to the stripe.

Item	Description	Price
PB-1	Magnetic Powder Blower provides reliable and controlled application of magnetic inspection powder to areas previously inaccessible	Call for Pricing
RB-4	RB-4 Green Rubber Powder Applicator	
RB-1	Powder Removal Bulb, Blue	Call for Pricing
625773	Model M 24 oz. Capacity Black Anodized Aluminum Sprayer w/ Nozzle #602, Adjustable from Extra Fine Mist to Pin Stream	Call for Pricing
2800	Type 2000 Magnetic Stripe Card	Call for Pricing
SP*001682	Centrifuge Tube for Fluorescent Magnetic Particles, 0 - 1.0 ml in 0.05 graduations (Certified)	Call for Pricing
SP*001683	Centrifuge Tube for Visible Magnetic Particles, 0 - 1.5 ml in 0.10 graduations (Certified)	Call for Pricing
SP*001684	Centrifuge Tube Stand	Call for Pricing







SP*001682 or SP*001683 with SP*001684

YOKES

PARKER RESEARCH / MAGNAFLUX YOKES

Item	Manufacturer	Waveform	Weight	Additional Items Included	Price
B-100		AC	6.5 lbs.		Call for Pricing
B-300	Parker Research	AC	7.5 lbs.	N/A (Yoke Only)	Call for Pricing
DA-400		AC/DC	8.5 lbs.		Call for Pricing
628554		Y-2 (AC)	4.8 lbs.	Carrying Case	Call for Pricing
625643	Magnaflux	Y-7 (AC/DC)	7.4 lbs.	Battery with pouch, battery charger, #1 Gray magnetic powder, yellow paint marker, hand cleaner	Call for Pricing
628994		Y-8 (DC)	8 lbs.	& carrying case	Call for Pricing



YOKE ACCESSORIES

Item	Description	Price
TB-10	Magnetic 10lb Weight Lift Test Bar (Weight is stamped on each bar and is traceable to NIST)	Call for Pricing
TB-10S-4	Set of 4 10lb Weight Lift Test Bars (Weight is stamped on each bar and is traceable to NIST)	Call for Pricing
Y-300-LED	Parker B-300 LED Yoke Light	Call for Pricing
Y-400-LED	Parker B-100 & DA-400 LED Yoke Light	Call for Pricing
628297	Magnaflux Y-2 Replacement Cord	Call for Pricing
628840	Magnaflux Y-2 LED Yoke Light	Call for Pricing



TB-10



Y-300 or Y-400



628297



MAGNETIC PARTICLE AIDS FIELD INDICATORS

Item	Description	Price
N501196001	MD-220 Hall Effect Magnetic Field Strength Indicator	Call for Pricing
SP*001105	Pie Gauge Magnetic Field indicator with Certification	Call for Pricing
MG-25-10	Model 25 Magnetic Field Indicator, Range 10-0-10 (Calibrated)	Call for Pricing
MG-25-20	Model 25 Magnetic Field Indicator, Range 20-0-20 (Calibrated)	Call for Pricing
SP*001548	Economy Magnetic Field Indicator, Range 10-0-10 (Un-Calibrated)	Call for Pricing



QUANTITATIVE QUALITY INDICATORS (QQIs)

Quantitative Quality Indicators (QQI) are magnetic particle test piece shims with artificial defects used to verify field direction and relative strength. QQIs are also used to balance multi-directional fields and to increase productivity by minimizing magnetizing shots.

Item	Model	Description	Price/Set of 5
631590	CX-230	0.002 inch (0.05 mm) thickness with a notch flaw depth of 30% of shim thickness	Call for Pricing
631591	CX-430	0.004 inch (0.10 mm) thickness with a notch flaw depth of 30% of shim thickness	Call for Pricing
631592		Four circle-cross notch patterns, to be cut by user into four separate shims. 0.002 inch (0.05 mm) thickness with a notch flaw depth of 30% of shim thickness	Call for Pricing





631591



631592



TEST PIECES

631590

Item	Description	Price
008M004	Magnetic Flux Indicator Strips (Burma Castrol) Type I (G)eneral, Set of 5	Call for Pricing
SP*001685	AS-5282 Tool Steel Ring (formerly Ketos Ring) including Certification Report	Call for Pricing
NA16	Notch Defect Test Bar (System Performance Test Piece - NAVSEA T907A-AS-GIB-010/271)	Call for Pricing
MTU-3	Reference Block Type 1 /MTU-3/ EN ISO 9934-2:2002 Magnetic Particle Test Block	Call for Pricing



LIQUID PENETRANT LPI CONSUMABLES

Magnaflux provides NDT-pros, engineers, and technician inspectors with chemical consumable products developed and tested to maximize process reliability in flourescent penetrant inspection (FPI) and dye penetrant testing.





Methods A (Water Washable) & C (Solvent Removable)

ZYGLO - Fluorescent Penetrant (Type 1)			Methods A (Water Washable) & C (Solvent Removable)		
Item	Product	Description	Sensitivity	Size	Price
01-3272-78	ZL-60D	Fluorescent Penetrant	Level 2 (Medium)	12 Aerosols/Case	Call for Pricing

ZYGLO - Fluorescent Penetrant (Type 1)			Methods B (P.E., Lipophilic) & C (Solvent Removable)		
Item	Product	Description	Sensitivity	Size	Price
01-3187-78	ZL-27A	Fluorescent Penetrant Level 3 (High) Level 4 (Ultra-High	Level 3 (High)	12 Aerosols/Case	Call for Pricing
01-3188-78	ZL-37		Level 4 (Ultra-High)		Call for Pricing

SPOTCHECK - Visible Penetrant (Type 2)

					- (
Item	Product	Description	Method	Size	Price
01-5155-78	SKL-SP2		C	12 Aerosols/Case	Call for Pricing
01-5155-40		Visible Penetrant	C	5 Gallon Pail	Call for Pricing
01-5190-78	SKL-WP2		A & C	12 Aerosols/Case	Call for Pricing
01-5190-40	SKL-WP2			5 Gallon Pail	Call for Pricing

SPOTCHECK - Cleaner & Remover (Used for both Type 1 & 2 Penetrants)						
Item	Product	Description	Class	Size	Price	
01-5750-78	SKC S	SKC-S	Solvent Cleaner & Remover	2	12 Aerosols/Case	Call for Pricing
01-5750-40	580-5	Solvent Cleaner & Renover	2	5 Gallon Pail	Call for Pricing	

ZYGLO / SPOTCHECK - Developer (Used for both Type 1 & 2 Penetrants)

ZYGLO / SPOTCHECK - Developer (Used for both Type 1 & 2 Penetrants)			(Used for both	Type 1 & 2 Penetrants)	
Item	Product	Description	Form	Size	Price
01-3354-78	ZP-9F	Colorest based Developer	d/e	12 Aprocels/Case	Call for Pricing
01-5352-78	SKD-S2	Solvent-based Developer	u/e	12 Aerosols/Case	Call for Pricing

Met-L-Chek, a McGean company, is an approved manufacturer, qualification laboratory, and supplier of liquid penetrant inspection materials under SAE QPL AMS 2644 by the United States Air Force Research Laboratory's Materials and Manufacturing Directorate at Wright Paterson Air Force Base.

F-L-C

abilia) Q. C

(Used for both Type 1 & 2 Penetrants)

(Used for both Type 1 & 2 Penetrants)

Call for Pricing

(Can be used up to 350°F)

Met-I -Chek - Visible Penetrant (Type 2)

Piet E cliek Visible Feliedant (Type 2)		rictious	A (Match Mashabic		e (bolvene keniovable)
Item	Product	Description	Method	Packaging	Price
29234-0001	VP-31A	Visible Penetrant	B & C	12 Assessls/Case	Call for Pricing
29224-0001	VP-30	VISIDIE PENEtrant	A & C	12 Aerosols/Case	Call for Pricing

Met-L-Chek - Cleaner/Remover & Developer

Item	Product	Description	Class / Form	Packaging	Price
29064-0001	E-59A	Solvent Cleaner & Remover	Class 2	12 Aerosols/Case	Call for Pricing
29014-0001	D-70	Developer Non-Aqueous	Form d/e		Call for Pricing



Product

DP-40

DP-51



SHERWIN Dubl-Chek products are approved by governing agencies worldwide, including the US Government, ASME, ASTM, as well as the prime aerospace and military contractors and OEM's.

DUBL-CHEK - Visible Penetrant (Type 2)

Item

DP-40-16

DP-51-16

Methods A (Water Washable), B (P.E., Lipophilic), C (Solvent Removable) & D (P.E., Hydrophilic)						
Description	Method	Packaging	Price			
Visible Penetrant	B, C & D	9 Aerosols/Case	Call for Pricing			
VISIDIE FEITELIAITL		3 ACIUSUIS/Case				

A & C

Methods A (Water Washahle) B (D F J in

DUBL-CHEK - Cleaner/Remover & Developer		

Item	Product	Description	Class / Form	Packaging	Price
DR-60-16	DR-60	Cleaner/Remover	Class 2	9 Aerosols/Case	Call for Pricing
D-100-16	D-100	Developer Non-Aqueous	Form d/e	9 Ael USUIS/Case	Call for Pricing

DUBL-CHEK - Hi-Temp Visible Penetrant (Type 2), Remover & Developer

Item	Product	Description	Method / Class / Form	Packaging	Price
KO-17-16	KO-17	Hi-Temp Visible Penetrant	Method A & C		Call for Pricing
KO-19-16	KO-19	Hi-Temp Remover	Class 2	9 Aerosols/Case	Call for Pricing
D-350-16	D-350	Hi-Temp Developer	Form d/e		Call for Pricing

www.geddirect.com

D-70

LPI ACCESSORIES **MATERIAL ACCESSORIES**

LPI Applicators & Sprayers

▶ DEMA Injector Kit - For spraying Hydrophilic Emulsifier. The emulsifier is drawn into the water stream by the Dema valve, emitting an emulsifier/water spray. The Dema Injector allows the penetrant user to process parts with the Hydrophilic method without adding large dip tanks.

Item	Description	Price
	Model M 24 oz. Capacity Black Anodized Aluminum Sprayer w/ Nozzle #602, Adjustable from Extra Fine Mist to Pin Stream	Call for Pricing
S-1/2HH-25-D	Tri-Con NDT Rinse/Spray Gun Complete	Call for Pricing
520090	Magnaflux Water Spray Gun w/ Hose Adapter	Call for Pricing
SP*001695	244CT DEMA Injector Kit - for emitting an Hydrophilic Emulsifier/Water Spray	Call for Pricing



Monitoring Devices & Wiping Cloths

▶ Refractometer - Easy to use device to measure the concentration of the Hydrophilic Emulsifier remover in water and is required to meet Pratt and Whitney and GE concentration specifications for Hydrophilic removers.

► Hydrometer - Water Based Developers are designed for optimum performacne within a specific concentration range. To control the concentration, the specific gravity is measured using the Hydrometer. If the reading is high, the concentration is high and water is generally added. If the reading is low, developer is added to the bath.

Item	Description	Price
300	GRALAB Model 300 Timer	Call for Pricing
2353	MASTER-53M Hand Held Refractometer	Call for Pricing
53M-CAL	Calibration Certificate for MASTER-53M Refractometer	Call for Pricing
53M-CASE	MASTER Carrying Case for 53M Refractometer	Call for Pricing
5857	Hydrometer (for monitoring developer concentration)	Call for Pricing
RAGS-50	White Lint Free Rags, 50 lb. Box	Call for Pricing



300

5857

RAGS-50

REL TAM PANEL

REL has added TAM Panels to its line of World Class NDT Solutions. REL is an approved Pratt & Whitney Source Manufacturer of the TAM 146040-1 Mirror Chrome Plate Finish TAM panel and the TAM 146040-2 Grit Finish Panel. REL's Testing and Monitoring (TAM) Panel uses a proprietary, non-clogging, Nickel plating that is heat treated to exact tolerances to produce an environmentally friendly Hexavalent Chromium Free product.

Your uniquely serialized REL TAM Panel includes

- ► Protective Case with Panel Certification
- Serialized crack size certification documents
- Pictures of the manufactured defects (5 each panel and 1:1 photo)

REL TAM Panel Features

- ▶ Pratt & Whitney Approved TAM 146040-1 (Mirror Finish) and TAM 14640-2 (Grit)
- ► Certification for GE Aviation Process Specification P3TF47
- ► Rolls Royce Approved
- ► REL Designed Green: Hexavalent Chromium Free
- ▶ Panel plating is designed to comply with RoHS, REACH, WEE, ELV, and Proposition 65



Item	Description	Туре	Finish	Package Includes	Price
250-00103		Twin (Polished)	TAM 146040-1		Call for Pricing
250-00104	REL TAM Panel	Single (Polished)	Mirror Finish	Case with Panel Certification, Serialized Crack Size Certification Documents, and Pictures of the	Call for Pricing
250-00105	REL TAM Fanel	Single (Grit)	TAM 146040-2	Manufctured Defects (5 each)	Call for Pricing
250-00106		Twin (Grit)	Grit Finish		Call for Pricing

ADDITIONAL LPI PANELS/BLOCKS

NiCr Twin Cracked Test Panels

NiCr Panels are used to compare new and used penetrants and can also be used for comparing performance of different penetrant materials or different processing techniques. Each sets consists of a pair of identical panels marked A and B with manufacturer's Certification and Crack photograph.

These panels are made by plating hard Nickel Chromium alloy on a 2mm thick brass substrate and stressing the panel in tension. The hard NiCr coating is brittle in comparison to the brass substrate so that the cracks created in the plated layer are limited to the thickness of the NiCr layer. The panel is then cut in half perpendicular to the direction of the cracks thus creating a matching pair of virtually identical cracks of controlled depth.

Sensitivity* Crack Depth	(Unofficial) Level	 Fluorescent Penetrant Sensitivity Levels are established by the USAF Laboratory at Wright Patterson AFB under highly controlled conditions.
50 µm	1, 2, 3, 4	
30 µm	2, 3, 4	 Sensitivity testing is not something the penetrant manufacturer or user can do. What you can do is compare samples using appropriate NiCr
20 µm	3, 4	Cracked Panels.
10 µm	4	



Item	Description	Specification Compliance	Sensitivity (Flaw Depth)	Level	Price	
NiCr-10		ASTM E1417, AMS 2647D, ISO 3452-3 & JIS Z 2343-3	10µm (0.0004")	4		
NiCr-20	NiCr Test Panel		ASTM E1417, AMS 2647D, ISO	20µm (0.0008")	3, 4	Call fay Driving
NiCr-30	NICE TEST Panel		30µm (0.0012")	2, 3, 4	Call for Pricing	
NiCr-50			50µm (0.002")	1, 2, 3, 4		

Additional LPI Test Panels & Blocks

▶ WTP-1 SHERWIN Wash Test Panel is used to run monthly removability testing as required by ASTM E1417 and MIL-STD-6866. The panel is made of stainless steel measuring 4" x 6" and 0.090" thick with two parallel, "medium rought" strips, each 6" x 1.5" separated by a smooth 1" strip.

▶ WTP-2 SHERWIN Wash Test Panel is used to run removability tests. The 1.5" x 2"panel is made from 16 gauge 301 or 302 stainless steel, by grit blasting with 80 mesh aluminum oxide grit and 60 psi of air pressure. The roughened surface that is produced is free of scratches and blemishes.

► ADP-1 SHERWIN Aqueous Developer Test Panel is used to check the fluorescence and coverage of soluble and suspendable aqueous developers as per ASTM E1417. The panel is made of aluminum measureing 3" x 10".

► Cracked Aluminum Test Blocks compare sensitivity of different penetrants or sensitivity of new and used penetrants. This is done by processing one half of the block with used penetrant and the other half with fresh penetrant. A 1/8" wide groove separates the blocks two sides to facilitate side-by-side penetrant comparison.

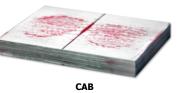
Item	Description	Price
WTP-1	SHERWIN Wash Test Panel (Removability as per ASTM E1417 & MIL-STD-6866)	Call for Pricing
WTP-2	SHERWIN Wash Test Panel (Removability)	Call for Pricing
ADP-1	SHERWIN Aqueous Developer Test Panel (as per ASTM E1417)	Call for Pricing
CAB	Cracked Aluminum Test Block	Call for Pricing

*Cracked Aluminum Test Blocks are meant for one-time use as once the penetrant gets in the crack it is very difficult to completely clean.





ADP-1

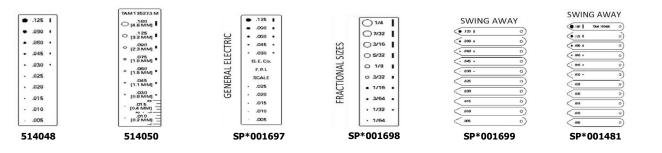


LPI MEASURING AIDS

Crack Comparators

Crack comparators are used to measure the actual size of indications identified during the liquid penetrant inspection process.

Item	Description	Price
514048	Fluorescent Green General Purpose Crack Comparator, measured in increments 0.005" to 0.125"	Call for Pricing
514050	Fluorescent Green Pratt & Whitney (TAM 135273) Crack Comparator, measured in increments 0.010" to 0.180"	Call for Pricing
SP*001697	Fluorescent Green General Electric Crack Comparator, measured in increments 0.005" to 0.125"	Call for Pricing
SP*001698	Fluorescent Green Fractional Size Crack Comparator, measured from 1/64" to 1/4"	Call for Pricing
SP*001699	Fluorescent Green Swing Away General Purpose Crack Comparator, measured in increments 0.005" to 0.125"	Call for Pricing
SP*001481	Fluorescent Green Swing Away (TAM 190466) Crack Comparator, measured in increments 0.005" to 0.180"	Call for Pricing



BLACKLIGHTS HANDHELD LED UV-A LAMPS

MAGNAFLUX HANDHELD

EV6000 LED UV-A Lamp

The EV6000 features a large 9 inch (5,000 µW/cm²), uniform beam without hot spots that is one of the widest in the industry and is certified to NDT standards for LED UV lamps and certified for Aerospace Prime and OEM specifications for emission spectrum and beam profile. Each unit is shipped with a manufacturer's certificate of conformance which meets or exceeds all current specifications for use with fluorescent liquid penetrant and magnetic particle testing.

EV6000

Item	Description	Compliance	UV Intensity	UV Coverage	Price
625784	EV6000 Hand-Held LED UV lamp	ISO 3059, ASTM E3022 & RRES 90061	5,000 µW/cm²	Ø 9 Inches	Call for Pricing
<u>.</u>					



UVISION 365 Series UV-A Lamps

The Uvision 365 SERIES is Spectroline's innovative line of compact, broad-beam NDT handheld lamps. These lightweight yet rugged lamps boast an IP65 rating - they are dust-tight and water resistant. Using a state-of-the-art heat sink design, the uVision™ is mechanically cooled without the need for a fan. In addition to three powerful UV-A (365 nm) LEDs, it has a convenient white light LED for illuminating work areas. Compliant versions have embedded microprocessors to keep lamps within specifications

What's Included...

Mains Model - Comes complete Uvision 365 LED UV-A Lamp, in-line AC power supply, UV-absorbing spectacles, and padded protective case.

Battery Model - Comes complete Uvision 365 LED UV-A Lamp with in-handle lithium battery, in-line AC charger and cord, UVabsorbing spectacles, and padded protective case.

Item	Model	Version	Compliance	UV Intensity	UV Coverage	Price
UV-365HC	DELUXE	HC (AC)	ISO 3059 &	6,000 µW/cm²	Ø 6.4 Inches	Call for Pricing
UV-365ZHC	DELUXE	ZHC (Battery)	ASTM E3022	8,000 µW/cm ²	Ø 7.5 Inches	Call for Pricing

*Additional options that comply with Rolls-Royce RRES 90061 are available upon request.

LABINO HANDHELD

MB 3.0 Series UV-A Lamps

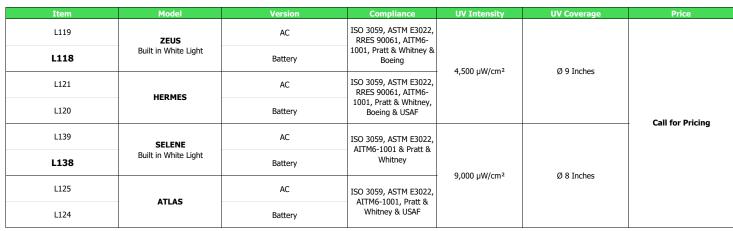
This compact light is simply Genius! A combination of smart mechanics and efficient electronics, designed to survive extreme temperatures and harsh working conditions. Penetrant resistant, with acoustic battery indicator and certified with an ingress protection marking of IP68. Depending on the model, the beam diameter is 8-9 inches and with intensities that vary from 4,500 to 9,000 μ W/cm². Zeus and Selene are equipped with a strong white light as well. The AC (mains) operated model weighs just 1.4 lbs and the battery operated model weighs just 1.5 lbs.

Mains AC Version Package Includes:

Battery Version Package Includes:

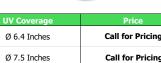
Lamp with 13 foot cord, Power Supply Unit 100-240V Lamp, Car Charger, Four Batteries, UV Block Glasses, AC, AC power cord, UV Block Glasses and Carrying Case. The cord can be customized to the length of your choice.

External Charger for wall outlet, Carrying Case, Belt holster and Power supply for charging batteries while Pictured w/ Athena operating



Optional Spray Can Holder Accessory "Athena" (pictured above)

Athena mounts on the light and can fit ALL aerosol brands that are used in NDT. Buy it factory installed or add it later (Item A503).



2 Year Warranty





C4 MAGNUM & MAGNUM-GO Series Lamps

The C4 Magnum contains a single high flux LED UV emitter that has a built in static-electric discharge circuit to allow the light to perform in all environments regardless of ambient conditions. Designed for Fluorescent Penetrant Inspection (FPI) and Magnetic Particle Inspection (MPI), the C4 Magnum provides a 10-inch diameter of UV-A intensity above 1,000 μ //cm² at 15 inches. The integral filter in the C4 Magnum limits the visible light to 20 lux at 15 inches.

Each lamp is sealed and cooled with an engineered finned housing manufactured from a military grade aluminum. The IP67 rated housing allows the lamp to perform in all environments regardless of ambient conditions. The C4 Magnum will survive the toughest, wettest, and most severe work environments on the planet!

Three (3) Ways to Buy:

► UV-2000 or UV-3000 Kit Includes:

Glo-Black C4 Magnum LED UV-A Lamp, Bolt-on Power Cord for Magnum, 120V, 60W Power Supply, Tool Control System and Safety Glasses

► UV-2000NC or UV-3000NC Kit Includes:

Glo-Black C4 Magnum LED UV-A Lamp, Bolt-on Power Cord for Magnum, 120V, 60W Power Supply and Safety Glasses

► UV-2000LM or UV-3000LM Kit Includes:

Glo-Black C4 Magnum LED UV-A Lamp (Legacy Model), 10' DC Extension Power Cord, 25W Wall Mounted Power Supply and Safety Glasses

Item	Model	Version	Compliance	UV Intensity	UV Coverage	Price
UV-2000			100 2000 ACTM 52022			Call for Pricing
UV-2000 NC	C4 MAGNUM	AC	ISO 3059, ASTM E3022, RRES 90061, AITM6-	5,000 µW/cm ²	Ø 10 Inches	Call for Pricing
UV-2000 LM	UV-A Only		1001			Call for Pricing
UV-3000	C4 MAGNUM-GO		ISO 3059, ASTM E3022,			Call for Pricing
UV-3000 NC	UV-A & White	AC	RRES 90061, AITM6- 1001	5,000 µW/cm ²	Ø 10 Inches	Call for Pricing
UV-3000 LM	Light		1001			Call for Pricing

C4 NOMAD & NOMAD-GO Series Lamps

The C4 Nomad is powered by the versatile Milwaukee M18 battery pack, allowing the operator to choose the optimal amp/hour battery best suited for their continuous use application. The C4 Nomad is designed for all intensity requirements of Fluorescent Penetrant Inspection (FPI) and Magnetic Particle Inspection (MPI). REL's C4 Nomad inspection lamps contain high flux UV-A and white light LED emitters with built-in static-electric discharge circuits.

The C4 Nomad provides a 10-inch diameter of UV-A intensity >1000 μ W/cm² at 15 inches. The integral filter in the UV-A emitter limits the visible light to 20 lux (1.86 foot-candles) at 15 inches, and 5 lux (0.47 foot-candles) at 36 inches. The lamp performs in all environments regardless of ambient conditions. The C4 Nomad LED UV-A will survive the toughest, wettest, and most severe work environments on the planet!

Three (3) Ways to Buy:

► UV-2400 or UV-3400 Kit Includes:

Glo-Black C4 Nomad LED UV-A Lamp, 120V M18 Battery Charger, Two (2) M18 2-Amp Hour Batteries, Tool Control System and Safety Glasses

► UV-2400BT or UV-3400BT Kit Includes:

Glo-Black C4 Nomad LED UV-A Lamp (Bare Tool) and Safety Glasses

► FPI Mobile Testing Nomad or Nomad-Go Kit Includes: *Type 1 (Fluorescent), Method C (Solvent Removable)*

Glo-Black C4 Nomad LED UV-A Lamp, 120V M18 Battery Charger, Two (2) M18 2-Amp Hour Batteries, 1 Can Penetrant, 1 Can Developer, 2 Cans Cleaner, Tool Control System with foam that is cross-linked polyethylene, resistant to jet fuel and hydraulic fluid and Safety Glasses

Item	Model	Version	Compliance	UV Intensity	UV Coverage	Price
UV-2400		Powered by M18	100 2050 ACTM 52022			Call for Pricing
UV-2400 BT	C4 NOMAD	REDLITHIUM	ISO 3059, ASTM E3022, RRES 90061, AITM6-	5,000 µW/cm ²	Ø 10 Inches	Call for Pricing
470-00000	UV-A Only	Run Time / Battery - 2.5 hrs	1001			Call for Pricing
UV-3400	C4 NOMAD-GO	Powered by M18	ICO 2050 ACTM 52022			Call for Pricing
UV-3400 BT	UV-A & White	REDLITHIUM	ISO 3059, ASTM E3022, RRES 90061, AITM6-	5,000 µW/cm²	Ø 10 Inches	Call for Pricing
470-10000	Light	Run Time / Battery - 2.5 hrs	1001			Call for Pricing

NOMAD & NOMAD-GO Spare Batteries and Charger

The C4 Nomad is powered by the versatile Milwaukee M18 battery pack, allowing the operator to choose the optimal amp/hour battery best suited for their needs.

Item	Description	Price
470-00007	REL 120 Volt M18 Battery Charger	Call for Pricing
470-00008	REL M18 Battery, 2.0 Amp Hour	Call for Pricing



FLASHLIGHT LED UV-A LAMP SPECTRO-UV FLASHLIGHT







CLARITY 365 Series Flashlights

The Clarity 365 SERIES is the highest quality, longest running, COMPLIANT LED UV-A flashlight in the world! The IP68-rating means that it can withstand continuous immersion in one meter of water, making it ideal for rough environments. The 9-hour battery life is enough for a full work shift, making it the longest-running NDT flashlight on the market. Standing up to strict NDT standards, this product provides all of the top features including an induction charging base.

What's Included...

Lithium-Ion Version Includes - Flashlight w/ battery, induction charging dock, AC power cord, USB power cord, belt holster, UV-absorbing glasses & carrying case

*Additional options are available upon request.

				-		
Item	Model	Version	Compliance	UV Intensity	UV Coverage	Price
SPN-CLR365-SC	STANDARD INTENSITY	SC (Lithium-Ion)	ISO 3059 & ASTM E3022	4,500 μW/cm²	Ø 4 Inches	Call for Pricing

LABINO FLASHLIGHT / HEADLIGHT

UVG3 2.0 Series Flashlights

Powerful, penetrant resistant and with an Ingress Protection 68 (Waterproof). The beam profile is probably the largest and smoothest from any UV-A torch light on the market. Depending on the model, the beam diameter is 3-5 inches and with intensities that vary from 4,000 to $80,000 \mu$ W/cm²! Battery running times are up to 8 hours.

One UV LED with White Light Block Filter

A high quality UV LED with respective high quality white light block filter that does not suff om solarization.

UVG3 2.0 Single Kit Package Includes:

Lamp, Car Charger, Two Batteries, UV Block Glasses, External Charger for wall outlet, carrying case, belt holsters, wrist band, rubber bumper.

Item	Model	Compliance	UV Intensity	UV Coverage	Battery Run Time	Price
L134	SPOTLIGHT	ISO 3059 & ASTM E3022	80,000 μW/cm²	Ø 3 Inches	4 Hours	
L135	MIDLIGHT	ISO 3059, ASTM E3022, AITM6- 1001, Pratt & Whitney & USAF	9,000 µW/cm²	Ø 3.8 Inches	8 Hours	Call for Pricing
L136	FLOODLIGHT	ISO 3059, ASTM E3022, RRES 90061, AITM6-1001, Pratt & Whitney & Boeing & USAF	4,000 μW/cm²	Ø 4.8 Inches	4 Hours	

UVG5 2.0 Series Headlight



Extremely durable! Compact, powerful and adjustable headlight that frees your hands during inspections. White light is optional. The beam profile is probably the largest and smoothest from any UV-A headlight on the market today. Depending on the model, the beam diameter is 3-5 inches and with intensities that vary from 4,000 to 80,000 μ W/cm²! Battery running times are up to 14 hours.

Battery Powered

Powered by two lithium batteries that can be recharged either by a cigarette outlet in a vehicle, a wall outlet or a PSU charger (without removing the batteries).

One UV LED with Filter and Optional Four White Light LEDs

A high quality UV LED with respective high quality white light block filter that does not suffer from solarization. Two different white lights: (a) a strong "search" white light for use in dark and tight spaces such as pipes and tanks and (b) a visual inspection white light.

3 Year Warranty

Item **UV** Intensity **UV** Coverage **Battery Run Time** Complianc Price ISO 3059 & Spotlight 1127 8 Hours 80,000 µW/cm² Ø 3 Inches ASTM E3022 Built in White Light L128 ISO 3059, ASTM E3022, AITM6-Midlight 14 Hours 9,000 µW/cm² Ø 3.8 Inches 1001 & Pratt & Whitney L128 - Built in White Light Call for Pricing L129 L130 ISO 3059, ASTM E3022, RRES Floodlight 90061, AITM6-1001, Pratt & 4,000 µW/cm² Ø 4.8 Inches 8 Hours L130 - Built in White Light Whitney & Boeing L131

*USAF has a requirement of No White Light and a Maximum Intensity of 10,000 μW/cm² making L129 the preffered Lamp.

OVERHEAD LED UV-A LAMPS REL OVERHEAD PROFUSION Modular UV-A System

REL's classic Profusion overhead UV-A inspection lamps are an expandable and configurable modular system for stationary non-destructive testing applications.

The Profusion is designed for all intensity requirements of Fluorescent Penetrant Inspection (FPI) and Magnetic Particle Inspection (MPI). Each Profusion module provides a 10-inch diameter of UV-A intensity above 1000 μ W/cm2 at 15 inches. The integral filter in the Profusion limits the visible light to 20 lux at 15 inches and 5 lux at 36 inches. Each Profusion module contains LED emitters with a built-in static-electric discharge circuit.

The lamp's electrical components are sealed and passively cooled with an engineered finned housing manufactured from military-grade aluminum. The IP68 rated housing allows the lamp to perform in all environments regardless of ambient conditions.

Key Features

- ► IP68 Rated Dust Sealed and Waterproofed
- ► Passive cooling via engineered finned housing with military-grade aluminum
- Modular & conformable system available in single, doulble bank and triple bank, or custom configurations
- ► Built-in static-electric discharge unit safety feature
- ► Tested and Complies with ASTM E3022, ROLLS-ROYCE RRES 90061, AIRBUS AITM6-1001 and ISO 3059 Specifications

Item	Model	Number of Modules	Compliance	UV Intensity	UV Coverage	Price
UV-4000		1			Ø 10 Inches	Call for Pricing
UV-4000 DB		2	100 2050 ACTN 52022		Ø 10 Inches x 2	Call for Pricing
UV-4000 TB	PROFUSION	3	ISO 3059, ASTM E3022, RRES 90061, AITM6- 1001		Ø 10 Inches x 3	Call for Pricing
UV-4000 QB		4	1001		Ø 10 Inches x 4	Call for Pricing
UV-4000 PB		5			Ø 10 Inches x 5	Call for Pricing



PROFUSION XW UV-A System

REL's Profusion XW IP68 rated overhead lamp builds on the classic Profusion to offer 7x higher output and wider coverage area in a lamp head of equal frontal area.

Massive amounts of UV-A wavelength emission in a small package! The Profusion XW is the perfect lamp for larger FPI and MPI non-destructive testing environments. The design of this package was demanded by aerospace and space companies that produce parts that are over 100 feet in length. Integration of heat sinks and cooling are a foundational part of this lamp's design.

Key Features

- ► IP68 Rated Dust Sealed and Waterproofed
- ► 7x the intensity of the classic Profusion Lamp
- ► Tested and Complies with ASTM E3022, ROLLS-ROYCE RRES 90061, AIRBUS AITM6-1001 and ISO 3059 Specifications
- ► High intensity UV-A light emitters for a wide coverage areas
- Built-in static-electric discharge unit safety feature
- 100% continuous duty at full output

Item	Model	Compliance	UV Intensity	UV Coverage	Price
UV-4700	PROFUSION XW	ISO 3059, ASTM E3022, RRES 90061, AITM6-1001	10,000 µW/cm ²	Ø 20 Inches	Call for Pricing

LIGHT METERS LABINO, SPECTRO-UV & ECONOMICAL LIGHT METERS

Manufacturer	BINO M513 Apollo 3.0 Series Single Kit w/ Carrying Case RFO-UV XP-2000 AccuPRO Dual Sensor, Complete with Rechargeable "AAA" Batteries, AC Charger and Carrying Case XRP-3000 AccuRAX Complete w/ Digital Readout Unit (XR-1000) and Protective Rubber Boot, Dual Sensor (XDS-1000), Water Resistant USB Cable and Carrying Case.	UV Light Sensor Operating Range	White Light Sensor Operating Range	Price	
LABINO	M513	Apollo 3.0 Series Single Kit w/ Carrying Case	0 - 50,000 µW/cm²	0 - 10,000 Lux (930 fc)	Call for Pricing
SDECTRO-UV	XP-2000				Call for Pricing
SPECTRO-UV	XRP-3000		0 - 100,000 µW/cm ²	0 - 5,382 Lux (500 fc)	Call for Pricing
Economical	SP*001477	Digital Illuminance Meter	N/A	0 - 200,000 Lux (20,000 fc)	Call for Pricing
Off Brand	SP*001197	Digital UV-A/B Meter	0 - 40,000 µW/cm²	N/A	Call for Pricing



ULTRASONIC CALIBRATION BLOCKS



REFERENCE STANDARDS

	Block Type	Description	Material Type	Price
CI-IIW1.I1018		Used for calibration of shear and longitudinal transducers, and verification of shear	1018 Steel	Call for Pricing
CI-IIW1.ISS	IIW-Type 1	wedge exit point and refracted angle. Can also be used for resolution and sensitivity	304 Stainless Steel	Call for Pricing
CI-IIW1.WC		checking. In accordance with: IIW (International Institute of Welding) and ASTM E164.	Wooden Case	Call for Pricing
		A modified version of the original IIW-Type 1 design. includes a 2.0" radius x 0.250"		
CI-IIW2.I1018	-	deep cut-out superposed on the 4.0" radius for distance calibration. Also includes numbers 3, 5 and 8 through holes (3/64", 5/64" AND 8/64" diameter) for sensitivity	1018 Steel	Call for Pricing
CI-IIW2.ISS	IIW-Type 2	testing or surface wave inspection, and distance calibration marks to the 2.0" hole. In accordance with International Institute of Welding, ASTM E164 and U.S. Air Force	304 Stainless Steel	Call for Pricing
CI-IIW2.WC		NDI Manual T.O. 33B-1-1 specifications.	Wooden Case	Call for Pricing
CI-AB.ICS		The Angle Beam Block also known as a "Rompas" block or simply "Angle Beam" is the	1018 Steel	Call for Pricing
CI-AB.ISS	Angle Beam	ASTM and U.S. Air Force substitute for the DSC block for distance, beam index, refracted angle and sensitivity calibration. Block is 1.0" thick, contains a 1.0" radius	304 Stainless Steel	Call for Pricing
CI-AB.WC		opposite a 2.0" radius, and a 5/64" diameter x 0.375" deep flat-bottom hole.	Wooden Case	Call for Pricing
Q5S-1018	QED		1018 Steel	Call for Pricing
Q5S-304		5-Step Block for thickness and linearity calibration in accordance with ASTME797. Step Thickness: 0.100", 0.200", 0.300", 0.400", and 0.500"	304 Stainless Steel	Call for Pricing
SP*001356	5-Step Block	Step Mickiess. 0.100 , 0.200 , 0.500 , 0.100 , did 0.500	Plastic Case	Call for Pricing
Q4S-1018	QED		1018 Steel	Call for Pricing
Q4S-304		4-Step Block for thickness and linearity calibration in accordance with ASTME797.	304 Stainless Steel	Call for Pricing
SP*001356	4-Step Block	Step Trickness. 0.230, 0.300, 0.730, and 1.000	Plastic Case	Call for Pricing
CI-TIPSY.ICS			1018 Steel	Call for Pricing
CI-TIPSY.ISS	TIPSY	Special Step Block for thickness and linearity calibration. This versatile block contains eight (8) steps. Set it down on one side and get the 1.0, 2.0, 3.0 and 4.0" steps.	304 Stainless Steel	Call for Pricing
	Then "TIP" it over and get the 1.5, 2.5, 3.5, and 4.5" steps.			
CI-TIPSY.WC			Wooden Case	Call for Pricing
CI-DSCBLOCK.ICS	-	AWS-type block used for shear wave distance and sensitivity calibration. Contains a 1.0" radius opposite a 3.0" radius. The 3.0" radius includes a 0.375" deep x 0.032" wide radiused slot. Also contains a 0° reference point for checking exit point on	1018 Steel	Call for Pricing
CI-DSCBLOCK.ISS	DSC	wedge, and a 0.125" diameter through hole and corresponding markings at 45°, 60°,	304 Stainless Steel	Call for Pricing
CI-DSCBLOCK.WC		and 70° for measuring actual refracted angle. In accordance with ASTM E164 and AWS 6.16.1B.	Wooden Case	Call for Pricing
CI-NAV32.ICS	NAVSHIP	Used for distance amplitude correction, sensitivity levels and flaw depth information. Contains six 3/64" diameter side-drilled through-holes at distances of 0.25" to 2.75"	1018 Steel	Call for Pricing
CI-NAV32.ISS	22 Einich	accordance with MIL-STD-271G Figure 9, and NAVSHIPS Specification 0900-006-	304 Stainless Steel	Call for Pricing
CI-NAV.WC		3010/Section 6. Comes with a Standard 32 Finish. If a 125 Finish is needed please call for pricing.	Wooden Case	Call for Pricing
CI-AWS.CS		Also called an RC block, the AWS Resolution Reference Block is used for checking	1018 Steel	Call for Pricing
CI-AWS.SS	AWS Resolution	resolution capabilities of angle beam transducers. Contains three sets of 0.0625" diameter through-holes for 45°, 60° and 70°. In accordance with AWS Welding	304 Stainless Steel	Call for Pricing
CI-AWS.WC		Highway and Railway Bridges specification D2.0, and Structural Welding Code ANSI/AWS D1.1.	Wooden Case	Call for Pricing
CI-DCBLOCK.ICS				
			1018 Steel	
CI-DCBLOCK.ISS	DC	AWS-type block used for shear wave distance calibration. Contains a 1.0" radius overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and		Call for Pricing
CI-DCBLOCK.ISS	DC		304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC	DC	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and		Call for Pricing Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS	-	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062"	304 Stainless Steel Wooden Case 1018 Steel	Call for Pricing Call for Pricing Call for Pricing Call for Pricing
CI-DCBLOCK.WC	DC SC	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications.	304 Stainless Steel Wooden Case	Call for Pricing Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC	-	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062"	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case	Call for Pricing Call for Pricing Call for Pricing Call for Pricing Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS	-	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 1018 Steel	Call for Pricing Call for Pricing Call for Pricing Call for Pricing Call for Pricing Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS	sc	overlaving a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements.	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC	SC	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 304 Stainless Steel Wooden Case	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS	SC DS ASME Basic	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements.	304 Stainless Steel Wooden Case 1018 Steel 1018 Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS	SC DS ASME Basic 1⁄2" Thick	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AMS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements.	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.5.WC	SC DS ASME Basic	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements.	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AMS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements.	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.5.WC	SC DS ASME Basic 1/2 " Thick 6" W x 7" L	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds.	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.5.WC CI-BASICL.5.SS	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block. Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole	304 Stainless Steel Wooden Case 1018 Steel 1018 Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.75.CS CI-BASICL.75.SS	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic 3/4" Thick	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole locations through the thickness are ¼, ½, and ¾T. Also contains two EDM notches measuring 2%T deep x 1/4 max wide x 1.0 long min. In accordance with ASME Sec V	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.75.SS CI-BASICL.75.WC	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic 3/4" Thick 6" W x 7" L	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block. Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole locations through the thickness are ¼, ½, and ¾T. Also contains two EDM notches	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel Wooden Case	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.5.SS CI-BASICL.75.SS CI-BASICL.75.WC CI-BASICL.75.WC	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic 3/4" Thick 6" W x 7" L ASME Basic	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block. Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole locations through the thickness are ¼, ½, and ¾T. Also contains two EDM notches measuring 2%T deep x 1/4 max wide x 1.0 long min. In accordance with ASME Sec V Art. 4 Fig. T-434.2.1. ASME Basic Calibration Blocks are intended to be representative of actual	304 Stainless Steel Wooden Case 1018 Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.VC CI-DSBLOCK.CS CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.75.CS CI-BASICL.75.SS CI-BASICL.75.WC CI-BASICL.75.WC CI-BASICL.75.SS	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic 3/4" Thick 6" W x 7" L ASME Basic 11/2" Thick 6" W x 10" L	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block. Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole locations through the thickness are ¼, ½, and ¾T. Also contains two EDM notches measuring 2%T deep x 1/4 max wide x 1.0 long min. In accordance with ASME Sec V Art. 4 Fig. T-434.2.1. ASME Basic Calibration Blocks are intended to be representative of actual components, and therefore do not have the smooth scanning surfaces found on most	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing
CI-DCBLOCK.WC CI-SCBLOCK.ICS CI-SCBLOCK.ISS CI-SCBLOCK.WC CI-DSBLOCK.SS DI-DSBLOCK.WC CI-BASICL.5.CS CI-BASICL.5.SS CI-BASICL.75.SS CI-BASICL.75.SS CI-BASICL.75.WC CI-BASICL.15.SS CI-BASICL.15.SS	SC DS ASME Basic 1/2" Thick 6" W x 7" L ASME Basic 3/4" Thick 6" W x 7" L ASME Basic 11/2" Thick	overlaying a 2.0" radius on a 180° segment. In accordance with ASTM E164 and BRR/AWS X-1 specifications. AWS-type block used for shear wave sensitivity calibration. Contains two 0.062" diameter through holes. In accordance with ASTM E164 and BRR/AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. AWS-type block used for longitudinal distance and sensitivity calibration. Contains a 2.0" high section between two 4.0" sections. In accordance with AWS requirements. ASME Basic Calibration Block. Article 4, Figure T-434.2.1 Used for establishment of primary reference responses for UT examination of welds. Block contains three side-drilled holes at 1.5 deep minimum at 3/32 diameter. Hole locations through the thickness are ¼, ½, and ¾T. Also contains two EDM notches measuring 2%T deep x 1/4 max wide x 1.0 long min. In accordance with ASME Sec V Art. 4 Fig. T-434.2.1. ASME Basic Calibration Blocks are intended to be representative of actual	304 Stainless Steel Wooden Case 1018 Steel 304 Stainless Steel	Call for Pricing Call for Pricing

Additional Blocks & Material Types are Available Upon Request. 7075 Aluminum Pricing is the same as 1018 Steel for all Curtis Blocks.

ULTRASONIC COUPLANT GENERAL PURPOSE

• Echogel 20 is an economical, basic-use couplant in medium-thick gel viscosity for ultrasonic inspections, like flaw detection/sizing and thickness gauging, where salt cake or metal corrosion salts are present. It provides good corrosion inhibition and resists viscosity breakdown on salt-caked boilers and other corroded materials.

• **Sonotrace 30** is a general-purpose ultrasonic couplant in medium-thick gel viscosity for flaw detection and thickness gauging applications. This glycerin-free couplant is a great choice for applications requiring minimum halogens, sulfur and low melting point metals, and offers good performance at a lower price point.

• **Soundsafe** is a high-performance, general-purpose ultrasonic couplant . This medium viscosity gel couplant is well known for its outstanding performance, excellent corrosion protection, thixotropic properties and comprehensive range of specifications and approvals.



• **Ultragel II** is an industry-leading, high-performance, ultrasonic couplant for flaw detection and sizing, thickness gauging, flow metering and acoustic emission testing. This generalpurpose medium viscosity gel is known for its outstanding performance, excellent corrosion protection, thixotropic properties and comprehensive range of specifications and approvals.

• **UT-X Powder** is a cost-effective couplant powder for flaw detection and thickness gaging applications where ferrous corrosion inhibition is required. Mixed with water at the inspection site, its compact and lightweight packets are easy to transport to a job site or to store as an emergency couplant for unanticipated shortages.

Item	Product	Couplant Form & Viscosity	Temperature Range	Container Size	Price
48-901		Gel		1 Gallon Cubitainer	Call for Pricin
48-905	Echogel 20	Gei	27 to 140°F	5 Gallon Cubitainer	Call for Pricin
48-955		5.5		55 Gallon Drum	Call for Pricin
42-901		Gel		1 Gallon Cubitainer	Call for Pricin
42-905	Sonotrace 30	Gei	25 to 175°F	5 Gallon Cubitainer	Call for Pricin
42-955		4.5		55 Gallon Drum	Call for Pricin
20-901		Gel		1 Gallon Cubitainer	Call for Pricin
20-905	Soundsafe	Gei	0 to 200°F	5 Gallon Cubitainer	Call for Pricin
20-955		5.5		55 Gallon Drum	Call for Pricin
25-912				12 x 12 oz Bottle(s)	Call for Pricin
25-901	Ultragel II	Gel	-10 to 210°F	1 Gallon Cubitainer	Call for Pricin
25-905	oldager 11	5	-10 (0 210°F	5 Gallon Cubitainer	Call for Pricin
25-955		3		55 Gallon Drum	Call for Pricin
62-110	UT-X Powder	Powder	32 to 120°F	1 Gallon Packet	Call for Pricin
62-510		Variable		5 Gallon Packet	Call for Pricin

*Viscosity subjective measure on a 0 - 10 scale where 0 = water, 5 = medium gel, 10 = very thick paste



HIGH TEMPERATURE

• **Pyrogel 100** is a broad temperature range couplant for thickness gauging, flow metering, acoustic emissions testing and flaw detection/sizing. These products contain no polymers and resists drying, making them an excellent choice for long term flow metering applications

• **Sono 600** is a versatile, multi-purpose couplant with a wide operating temperature range for flaw detection, thickness gauging and acoustic emission testing in petrochemical, power generation, automotive, aerospace, food processing equipment and pharmaceutical manufacturing.

• **Sono 1100** provides coupling for high-temperature thickness gauging and will maintain acoustic coupling at high temperatures beyond 15 seconds to give ample time to obtain thickness readings. In most cases, the signal strength increases with time to the point of the couplant's thermal decomposition.

Item	Product	Couplant Form & Viscosity	Temperature Range	Container Size	Price
24-212	Pyrogel 100	Thick Gel	-50 to 805°F	2 x 12 oz Bottle(s)	Call for Pricing
24-901	Pyroger 100	N/A			Call for Pricing
45-912	Sono 600	Thick Gel	700 to 775°F	12 oz Bottle	Call for Pricing
45-901	Sono 600	N/A	700 to 773-F	1 Gallon Cubitainer	Call for Pricing
30-T04	Sono 1100	Medium Paste	0 to 70005	4 oz Tube	Call for Pricing
30-901		N/A	0 to 700°F	1 Gallon Pail	Call for Pricing

*Viscosity subjective measure on a 0 - 10 scale where 0 = water, 5 = medium gel, 10 = very thick paste

Specification Compliance

opecification e										
Code	Echogel 20	Sonotrace 30	Soundsafe	Ultragel II	UT-X Powder	Pyrogel 100	Sono 600	Sono 1100		
API	x	x	x	x		x	x	x		
ASME BPVC	x	x	x	x		x	x	x		
ASTM F519	x		x	x						
ASTM F945			x	x						
AWS	x	x	x	x		x	x	x		
Pratt & Whitney			x	x						
PWA 36604			x	x						

EQUIPMENT & TRANSDUCERS THICKNESS GAUGES **Danatronics EHC-09 Series Gauges**

The EHC-09 series is available in 6 models to suit every budget and application. What's best is our simple upgrade path where all gauges are capable of quickly and easily (directly from the keypad) adding any software options. Features include a graphic display with multiple languages, vibrate on alarm, fast minimum, echo to echo to ignore coatings, 100K reading Datalogger with export to excel, B-scan and live Ascan with waveform adjust.

Standard EHC-09 Wave Series includes: Ultrasonic thickness gauge, DKS-537, 5 MHz 0.375 inch diameter potted cable, operational manual, Data XL interface program, couplant, and transport case. See chart below for standard inclusions for each gauge.

Prices are subject to change without notice

*Limited 2 Year Warranty on Parts & Labor

*ECHO Thickness Gauge Pictured

Model	Description	Price
EHC-09A	Hand-Held Digital Ultrasonic thickness gage including, NIST Traceable calibration certificate	Call for Pricing
EHC-09B	Hand-Held Digital Ultrasonic thickness gage including, NIST Traceable calibration certificate	Call for Pricing
EHC-09	Hand-Held Digital Ultrasonic thickness gage including: Echo to Echo software, NIST Traceable calibration certificate	Call for Pricing
EHC-09DL	Hand-Held Digital Ultrasonic thickness gage including: Echo to Echo & Datalogger w/ B-Scan software, NIST Traceable calibration certificate	Call for Pricing
EHC-09-W	Hand-Held Digital Ultrasonic thickness gage with including: Live Waveform/A-Scan, Echo to Echo, NIST traceable calibration certificate	Call for Pricing
EHC-09DLW	Hand-Held Digital Ultrasonic thickness gage including: Echo to Echo, Datalogger w/ B-Scan & Live Waveform/A-scan software, NIST Traceable calibration certificate	Call for Pricing

Danatronics ECHO Series Gauges

The ECHO series has a remarkable sunlight readable 3.5" color display, up to 32 Gb of micro SD memory, built-in rechargeable high capacity Li Ion battery all packaged in a custom case designed for IP67 rating. Not sure which model to choose? Don't worry, the ECHO series is fully capable of field upgrades directly from the keypad so you will never be stuck with an obsolete product or experience any downtime. ECHO Series can measure from .020" to 23" in steel in corrosion mode or as thin as .006" in steel when configured as a precision gauge.

Standard Inclusions: ECHO series ultrasonic thickness gauge, DKS-537, transducer up to 10 MHz, LM-06 cable, 2oz bottle of couplant, operation manual, Data XL interface program, USB cable, Charger Adapter, Transport Case *A transducer is included with each model.

ECHO 9 - Corrosio	ECHO 9 - Corrosion Thickness Gauge *Limited 2 Year Warr					
Model	Description	Price				
ECHO 9	Hand-Held Digital Ultrasonic CORROSION thickness gage including: Echo to Echo software, NIST Traceable calibration certificate	Call for Pricing				
ECHO 9W	Hand-Held Digital Ultrasonic CORROSION thickness gage including: Echo to Echo & Live Waveform/A-Scan software, NIST Traceable calibration certificate	Call for Pricing				
ECHO 9DL	Hand-Held Digital Ultrasonic CORROSION thickness gage including: Echo to Echo & Datalogger w/ B-Scan software, NIST Traceable calibration certificate	Call for Pricing				
ECHO 9DLW	Hand-Held Digital Ultrasonic CORROSION thickness gage including: Echo to Echo, Datalogger w/ B-Scan & Live Waveform/A-Scan software, NIST Traceable calibration certificate	Call for Pricing				

*ECHO 7 (Precision) & ECHO 8 (Corrosion and Precision) Series Thickness Gauges are Available Upon Request



Dakota Ultrasonics ZX Series Gauges

The ZX Series of thickness gauges are packaged in an all aluminum case making them the most durable gauges on the market. The features included in the ZX Series offer a quality tool that will meet or exceed your application requirements. Our 5 year limited warranty indicates how we feel about the reliability and durability of the ZX Series gauges.

ZX Series Kits Include: Ultrasonic thickness gauge, selectable transducer, couplant, manual, plastic carrying case, certificate of calibration and AA batteries. PC software and data transfer cable included with data logging gauges. PC software available for download from website.

*Limited 5 Year Warranty

Item	Model	Description	Price
Z-300-0003	ZX1	Single velocity calibration. Velocity manually set using the VEL key on the keypad. Backlit display.	Call for Pricing
Z-301-0003	ZX2	Single velocity calibration. Selectable 8 common material velocities , 2 custom velocities, or set manually using the VEL key. Backlit Display.	Call for Pricing
Z-302-0003	ZX3	Easy field calibration; 1 or 2 point options. Selectable 8 common material velocities, 2 custom velocities, or set manually using the CAL key. Auto/manual zero, adjustable gain, selectable probe diameter (linearity), high Speed Scanning, and Backlit Display.	Call for Pricing
Z-303-0003	ZX5	Same features as the ZX-3 plus Alarm Mode (high/low limits), Differential Mode, and VX velocity gauge. CDC compatible serial over USB (standard). *Optional accessory RS232 serial or Bluetooth modules available	Call for Pricing
Z-304-0003	ZX5-DL	Same features as the ZX-5 (less serial over USB), plus an on-board data logger - Stores 10,000 readings in 40 files of 250 readings per file. USB-C connectivity, Includes transfer cable.	Call for Pricing
Z-305-0003	ZX6 Same features/options as the ZX-5, plus echo-echo through paint multi mode. Thru-Paint range: 0.100" – 6.0" of base metal, with coating thickness from 0.001 to 0.075". Six selectable high damped probe diameters and frequencies. *Optional accessory RS232 serial or Bluetooth modules available		Call for Pricing
Z-306-0003	ZX6-DL	Same features as the ZX-6 (less serial over USB), plus an on-board data logger - Stores 10,000 readings in 40 files of 250 readings per file. USB-C connectivity, includes transfer cable.	Call for Pricing

*Additional Dakota Ultrasonics Thickness Gauges are Available Upon Request.

FLAW DETECTORS

Simplicity | Capability |

Prices are subject to change without notice

pability | Reliability

Sonatest

Sonatest WAVE Interactive Flaw Detector

Introducing WAVE by Sonatest. It integrates the latest technologies available in order to create a revolution in the ultrasonic non-destructive testing equipment market. Not only is it innovative, but the customisable interface also optimises the daily workflow, and a unique and embedded interactive scan plan, with ray-tracing capability and simulation tools, consolidates your results.

Interactive Scan Plan

The WAVE interactive scan plan has been developed to ease diagnostics on the inspected part. The scan plan can reproduce complex geometries such a Curved parts and T-joints. Combined with a real-time Raytracer, this unique feature facilitates the distinction between a real flaw and a geometrical indication. Thus avoiding unnecessary repair.

Kit Includes: WAVE Flaw Detector, Battery & Charger (with mains cable), Ultrasonic Couplant, Ethernet Adapter & Cable, User Manual ,Quick Start Guide, Certificate of Calibration & Carrying Case.

Model	Description	Price
WAVE BNC	Sonatest WAVE BNC Kit	Call for Pricing

*Additional Sonatest Flaw Detectors are Available Upon Request

CONVENTIONAL TRANSDUCERS, WEDGES AND CABLES

Conventional Transducers and Wedges

CoreNDT manufactures two series of Standard Transducers: General Purpose (G) and High Resolution (H). Please refer to the information below to determine which series is best suited for your application.

General Purpose (G) Series

Offers the best combination of sensitivity and resolution for the majority of contact flaw detection applications and recommended for the majority of pulse-echo applications. Typically having two to three full ring cycles, these transducers are tuned to provide the best balance between gain and resolution for general purpose testing, with a bandwidth of 30% to 60% at -6 dB.

UT Wedges

UT wedges are used in industrial NDT inspecitons to introduce the transducer's acoustic energy at a non-perpendicular angle thereby allowing the sound beam to be transmitted at a more-optimized angle within the test part. The wave mode and angle is selected to maximize the ability to identify and size defects based on the test part's material, defect type, and orientation.

Axial OD - Inspecting Cicumferential features from the pipe's OD.

Circumferential OD - Inspecting Axial features from the pipe's OD.

Short Exit - Allows closer inspection proximity to a joint, seam or weld crown.





High Resolution (H) Series

Designed for optimum resolkution and maximum bandwidth. The H Series are broadband transducers, making them an excellent choice for thickness gaging applications. While gain is somewhat lower than the G Series, they are damped to the limits of current technology, exhibiting one or two ring cycles with a bandwidth of 60% to 100% at -6 bB.



CoreNDT Angle Beam Transducers & Wedges

Angle Beam transducers are used in conjunction with a wedge to introduce a refraced shear wave into the material being tested. Our standard angle beams are built to be low noise and offer substantial power.

Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price
		AB-1-500-G	.500" Ø	1		Call for Pricing
		AB-1-500-1000-G	.500" x 1.00"	1		Call for Pricing
		AB-2-500-G	.500" Ø		Top Mount BNC	Call for Pricing
		AB-2-500-500-G	.500" x .500"	2.25		Call for Pricing
		AB-2-500-1000-G	.500" x 1.00"			Call for Pricing
Angle Beam	Standard	AB-2-750-1000-G	.750" x 1.00"			Call for Pricing
		AB-2-1000-G	1.00" Ø			Call for Pricing
		AB-5-500-G	.500" Ø			Call for Pricing
		AB-5-500-500-G	.500" x .500"	-		Call for Pricing
		AB-5-500-1000-G	.500" x 1.00"	5		Call for Pricing
		AB-5-1000-G	1.00" Ø			Call for Pricing

*High Resolution Series are Available Upon Request

	Refracted Shear Wave Angle	45°	60°	70 °	Price
	.500" Ø	AB-W-500-45	AB-W-500-60	AB-W-500-70	
Angle Beam Wedge	.500" × .500"	AB-W-500-500-45	AB-W-500-500-60	AB-W-500-500-70	
	.500" × 1.00"	AB-W-500-1000-45	AB-W-500-1000-60	AB-W-500-1000-70	Call for Pricing
(Standard 4-40 Threads)	.750" × 1.00"	AB-W-750-1000-45	AB-W-750-1000-60	AB-W-750-1000-70	
	1.00" Ø	AB-W-1000-45	AB-W-1000-60	AB-W-1000-70	

Effective Date - 2/13/2025

Prices are subject to change without notice

CoreNDT AWS Angle Beam Transducers & Wedges

AWS angle beam transducers from CoreNDT are used with an AWS wedge to introduce a refracted shear wave into the material being tested. CoreNDT's AWS transducers are meeting or exceeding the American Welding Society's requirements.



Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price
Angle Beam	AWS	AB-2-625-625-AWS AB-2-625-750-AWS	.625" x .625" .625" x .750"	2.25	Top Mount BNC	Call for Pricing
		AB-2-750-750-AWS	.750" x .750"			Call for Pricing
		Refracted Shear Wave Angle	45°	60°	70°	Price
AWS Snai	AWS Snail Wedge		AB-AWS-45	AB-AWS-60	AB-AWS-70	Call for Pricing
(Standard 4-4	(Standard 4-40 Threads)					

CoreNDT Quick Change Angle Beam Transducers & Wedges

J						
Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price
		ABQC-2-250-G	.250" Ø			Call for Pricing
		ABQC-2-375-G	.375" Ø	2.25		Call for Pricing
		ABQC-2-500-G	.500" Ø		Top Mount Microdot	Call for Pricing
Angle Beam	Quick Change	ABQC-5-250-G	.250" Ø			Call for Pricin
Aligie Bealli	Quick Change	ABQC-5-375-G	.375" Ø	5		Call for Pricin
		ABQC-5-500-G	.500" Ø			Call for Pricing
		ABQC-10-250-G	.250" Ø	10		Call for Pricing
		ABQC-10-375-G	.375" Ø	10		Call for Pricing

*High Resolution Series are Available Upon Request

	Refracted Shear Wave Angle	45°	60°	70°	Price
	.250" Ø	ABQC-W-250-45	ABQC-W-250-60	ABQC-W-250-70	
Quick Change Wedge	.375" Ø	ABQC-W-375-45	ABQC-W-375-60	ABQC-W-375-70	Call for Pricing
	.500" Ø	ABQC-W-500-45	ABQC-W-500-60	ABQC-W-500-70	

*Quick Change Short Exit Wedges are Available Upon Request

CoreNDT Contact Transducers

CoreNDT contact longitudinal wave transducers are rugged and built to withstand direct contact with a variety of materials. They are used in many applications such as straight beam flaw detection and thickness gaging, detecting and sizing delamination, and inspecting plates, billets, bars, and other metallic and nonmetallic components.

						Card and a second se	
Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price	
		FC-2-250-G	.250" Ø			Call for Pricing	
		FC-2-375-G	.375" Ø	2.25		Call for Pricing	
		FC-2-500-G	.500" Ø	2.25		Call for Pricing	
	Fingertip	FC-2-750-G	.750" Ø		Top Mount Microdot	Call for Pricing	
		FC-5-250-G	.250" Ø	5		Call for Pricing	
		FC-5-375-G	.375" Ø			Call for Pricing	
Contact		FC-5-500-G	.500" Ø			Call for Pricing	
Contact		C-2-500-G	.500" Ø			Call for Pricing	
		C-2-750-G	.750" Ø	2.25		Call for Pricing	
		C-2-1000-G	1.00" Ø			Call for Pricing	
	Standard Contact	C-5-500-G	.500" Ø	5		Side BNC	Call for Pricing
		C-5-750-G	.750" Ø			Call for Pricing	
		C-5-1000-G	1.00" Ø			Call for Pricing	
		C-10-500-G	.500" Ø	10		Call for Pricing	

*High Resolution Series are Available Upon Request

CoreNDT Removable Delay Line Transducers

CoreNDT delay line transducers are typically used for thin thickness gaging and searching for small flaws. These removable delay line introduce a time delay into the sound wave which improves near-surface resolution. Delays are standard in 0.500" length but available in custom length and shapes for custom job applications.

5						
Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price
		RDL-2-250-H	.250" Ø	2.25		Call for Pricing
		RDL-2-500-H	.500" Ø	2.25		Call for Pricing
D		RDL-5-250-H	.250" Ø	F	Side Microdot	Call for Pricing
Removable Delay	Delay Line	RDL-5-500-H	.500" Ø	5		Call for Pricing
Line		RDL-10-250-H	.250" Ø			Call for Pricing
		RDL-10-500-H	.500" Ø	10		Call for Pricing
		RDL-15-250-H	.250" Ø	15		Call for Pricing





CoreNDT Protective Face Transducers

Protected face transducers allow a wide variety of materials to be tested through the use of a wear cap, membrane, or delay line over the face of the transducer. In addition, this transducer can be used in direct contact with some materials to offer the user increased power while testing certain materials.

*All P Series transducers include a membrane ring, key and three total membranes.

Transducer Type	Transducer Style	Part Number	Size	Frequency (MHz)	Connector Type	Price
		P-1-500-G	.500" Ø			Call for Pricing
		P-1-750-G	.750" Ø	1		Call for Pricing
		P-1-1000-G	1.00" Ø			Call for Pricing
		P-2-500-G	.500" Ø			Call for Pricing
Protective Face	Protective Face	P-2-750-G	.750" Ø	2.25	Top Mount BNC	Call for Pricing
		P-2-1000-G	1.00" Ø			Call for Pricing
		P-5-500-G	.500" Ø			Call for Pricing
		P-5-750-G	.750" Ø	5		Call for Pricing
		P-5-1000-G	1.00" Ø			Call for Pricing

Dual-Element High Temperature Transducers

surveys with a wide operatir	element ultrasonic transducers for on-stream, thickness, corrosion and erosion eys with a wide operating temperature for use in applications across refining, oil is, energy, nuclear, aerospace, and process sectors.		hotseńseli		ilulu iseli d	ionix	
Manufacturer	Item	Operating Temperature	Tip Diameter	Frequency (MHz)	Connector Type	Price	
E∛IDENT	D790-SM	-5 thru 932 °F	0.434" 5 (11 mm) 5	0.434"	F	Tan Dual Miaradat	Call for Pricing
ionix	HS582i_RH	-67 thru 1,022 °F		5	Top Dual Microdot	Call for Pricing	

Manufacturer	Item	Cable Type	Connector Type	Price
E∛IDENT	LCMD-316-5B	Standard Cable Type	Straight Dual Molded Lemo 00 to Microdot	Call for Pricing
	ACC-CB-1315	Standard Cable Type	Straight Dual Molded Lemo 00 to Microdot	Call for Pricing
ionix	ACC-CB-615	High-Temperature Fiberglass Sleave	Right Angle Dual Molded Lemo 00 to Mirodot	Call for Pricing
	ACC-CB-815	392°F Continuous / 1022°F Intermittent	Right Angle Dual Molded Lemo 00 to Mirodot w/ 2" Handle and Strain Relief	Call for Pricing

*Cables are all 5 foot in length - ionix cables include an Evident gauge connector w/ probe identification for the D790

Conventional UT Cables

QED offers a complete line of transducer cables. These cables are designed for optimum performance and durability.

OED Standard Cables

		BNC	Lemo	Lemo 1 (0.50"	Microdot
Item	Connector Type	Image	Cable Type	Length	Price
Q-BB-174-6	BNC - BNC		RG 174		Call for Pricing
Q-BB-58-6	DINC - DINC		RG 58		Call for Pricing
Q-BL00-174-6	BNC - Lemo 00				Call for Pricing
Q-BL1-174-6	BNC - Lemo 1			6'	Call for Pricing
Q-L00L00-174-6	Lemo 00 - Lemo 00		RG 174	0	Call for Pricing
Q-L00L1-174-6	Lemo 00 - Lemo 1		KG 174		Call for Pricing
Q-MB-174-6	Microdot - BNC				Coll for Drising
Q-ML00-174-6	Microdot - Lemo 00				Call for Pricing

CoreNDT Neon Green Protective Sheathing Cables

Item	Connector Type	Image	Cable Type	Length	Price
C-BB-174-G-6	BNC - BNC		RG 174		Call for Pricing
C-BB-58-G-6	DINC - DINC		RG 58		Call for Pricing
C-BL00-174-G-6	BNC - Lemo 00				Call for Pricing
C-BL1-174-G-6	BNC - Lemo 1		20.474	6'	Call for Pricing
C-L00L00-174-G-6	Lemo 00 - Lemo 00				Call for Pricing
C-L00L1-174-G-6	Lemo 00 - Lemo 1		RG 174		Call for Pricing
C-MB-174-G-6	Microdot - BNC				Call for Pricing
C-ML00-174-G-6	Microdot - Lemo 00				Call for Pricing

General Use PAUT Probes

This probe design fits with manual and automatic inspection applications. Typical use includes inspection of castings, forgings, bars, tube, plate, composite and other engineered materials. Typical applications include flaw detection in weld, thickness measurement, delamination detection, bonding inspection and corrosion mapping.

Cable Length:

All probes come with a 2.5m cable length as standard. Other lengths available include: 3, 5 and 10m.

Connector:

All probes come with a Quick Latch Connector as standard. Other connectors available include: IPEX, Quick Latch Exit, SubD78, Zpack and Hypertronics.

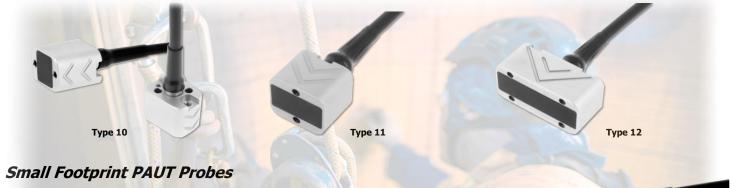
Different Confirgurations:

Available with combination of cable length, cable type and connector type.



Standard - Quick Latch Connector

Housing	Part Number	Frequency (MHz)	Number of Elements	Pitch & Elevation (mm)	Price
	A-2.25L8-10-1.2x10-25Q	2.25	8	1.2 x 10	Call for Pricing
	A- 2.25L16 -10-0.6x10-25Q	2.25	16	0.6 x 10	Call for Pricing
	A-3.5L16-10-0.6x10-25Q	3.5	16	0.6 x 10	Call for Pricing
	A- 5L16 -10-0.6x10-25Q	5	16	0.6 x 10	Call for Pricing
Type 10	A- 5L32 -10-0.3x10-25Q	5	32	0.3 x 10	Call for Pricing
	A- 7.5L32 -10-0. <mark>3</mark> x7-25Q	7.5	32	0.3 x 7	Call for Pricing
	A- 10L16 -10-0.6x10-25Q		16	0.6 x 10	Call for Pricing
	A- 10L32 -10-0.3x7-25Q	10	32	0.3 x 7	Call for Pricing
	A- 10L32 -10-0.3x10-25Q	-	32	0.3 x 10	Call for Pricing
	A- 2.25L32 -11-0.6x10-25Q	2.25	32	0.6 x 10	Call for Pricing
	A- 5L32 -11-0.6x10-25Q	/	32	0.6 x 10	Call for Pricing
	A- 5L64 -11-0.3x8-25Q	5	64	0.3 x 8	Call for Pricing
	A- 5L64 -11-0.3x10-25Q		64	0.3 x 10	Call for Pricing
-	A- 7.5L32 -11-0.6x10-25Q		32	0.6 x 10	Call for Pricing
Type 11	A- 7.5L64- 11-0.3x10-25Q	7.5	64	0.3 x 10	Call for Pricing
	A- 10L32 -11-0.6x7.5-25Q		32	0.6 x 7.5	Call for Pricing
	A- 10L32 -11-0.6x10-25Q	10	32	0.6 x 10	Call for Pricing
	A- 10L64 -11-0.3x7.5-25Q		64	0.3 x 7.5	Call for Pricing
	A- 15L64 -11-0.3x6-25Q	15	64	0.3 x 6	Call for Pricing
	A- 2.25L64 -12-0.6x10-25Q	2.25	64	0.6 x 10	Call for Pricing
	A- 3.5L64 -12-0.6x10-25Q	3.5	64	0.6 x 10	Call for Pricing
	A- 5L64- 12-0.6x10-25Q	-	64	0.6 x 10	Call for Pricing
Type 12	A- 5L128 -12-0.3x10-25Q	5	128	0.3 x 10	Call for Pricing
	A- 7.5L64 -12-0.6x10-25Q		64	0.6 x 10	Call for Pricing
	A- 7.5L128 -12-0.3x10-25Q	7.5	128	0.3 x 10	Call for Pricing
	A- 10L64 -12-0.6x7-25Q	10	64	0.6 x 7	Call for Pricing



Small footprint PAUT probe for contact inspection applications. With an 8x8mm contact area, it can be used for a variety of inspections with challending contact areas with 0° or angled wedges.

This small pitch probe design has great beam steering capabilities to sector scan think multi layer sandwich parts. Typical applications include thickness measurement, bonding inspection, shock and scratch detection. The probe is compliant with Aeronautic scribe line inspection codes.

Type 00

Housing	Part Number	Frequency (MHz)	Number of Elements	Pitch & Elevation (mm)	Price
Turne 00	A- 5L16 -00-0.31x5-25Q	5	16	0.31 x 5	Call for Pricing
Туре 00	A- 10L16 -00-0.31x5-25Q	10	16	0.31 x 5	Call for Pricing



Small Diameter Tubing, Thin Wall PAUT Probes

Specific probe casing for low profile inspection. This probe has been designed to be operated with bracelet type scanners for tube inspection. Total height including adapted wedge is 12mm. Specific 35mm curvature of the array inside the casing is made for small diameter weld inspection to compensate the de-focusing effect from the geometry.

This probe typically used for automatic or manual inspection of small tube weld inspection with limited access. It can also be used for plate inspections with limited access.

Housing	Part Number	Frequency (MHz)	Number of Elements	Pitch & Elevation (mm)	Price
	A-3.5L16-CCEV35-15-0.5x10-25Q	3.5	16	0.5 x 10	Call for Pricing
Type 15	A-5L16-CCEV35-15-0.5x10-25Q	F	16	0.5 x 10	Call for Pricing
	A- 5L32 -CCEV35-15-0.25x10-25Q	5	32	0.25 x 10	Call for Pricing
· ·	A-7.5L16-CCEV35-15-0.5x10-25Q	7.5	16	0.5 x 10	Call for Pricing
	A-7.5L32-CCEV35-15-0.25x10-25Q	7.5	32	0.25 x 10	Call for Pricing
	A-10L32-CCEV35-15-0.25x10-25Q	10	32	0.25 x 10	Call for Pricing

PAUT Weld Inspection Probes

Is an operation used to evaluate the quality, strength, and safety of welds. PAUT probes can be used to identify issues such as lack of fusion, fissures, porosity, and inclusions.

Inspect hard-to-reach areas

PAUT probe has the ability to perform Time of flight diffraction (TOFD) examination, that can be used to detect and locate surface breaking and sub-surface defects. This is particularly useful when inspecting large and complex welds, where traditional ultrasonic testing methods may not be practical.

This probe design fits with advanced manual and automatic inspection applications. Typical use includes inspection of castings, forgings, bars, tube, plate, composite and other engineered materials. Typical applications include flaw detection in weld, thickness measurement, delamination detection, bonding inspection, corrosion mapping.



Housing	Part Number	Frequency (MHz)	Number of Elements	Pitch & Elevation (mm)	Price
	DA-1.0M28x2-17-2.7x3-25Q	1	4x7	2.7 x 3	Call for Pricing
Type 17	DA-2.25M28X2-17-2.7x3-25Q	2.25	4x7	2.7 x 3	Call for Pricing
	DA-4.0M28x2-17-2.7x3-25Q	4	4x7	2.7 x 3	Call for Pricing
	A-2.25L32-31-0.6x10-25Q	2.25	32	0.6 x 10	Call for Pricing
	A- 5L32 -31-0.6x10-25Q		32	0.6 x 10	Call for Pricing
	A- 5L64 -31-0.3X8-25Q	5	64	0.3 x 8	Call for Pricing
	A- 5L64- 31-0.3x10-25Q		64	0.3 x 10	Call for Pricing
Type 31	A- 7.5L32 -31-0.6x10-25Q	7.5	32	0.6 x 10	Call for Pricing
	A- 7.5L64 -31-0.3x10-25Q		64	0.3 x 10	Call for Pricing
	A-10L32-31-0.6x10-25Q		32	0.6 x 10	Call for Pricing
	A- 10L64 -31-0.3x7.5-25Q	10	64	0.3 x 7.5	Call for Pricing
	A- 15L64- 31-0.3x6-25Q	15	64	0.3 x 6	Call for Pricing
	A- 2.25L32 -32-1.0x10-25Q	2.25	32	1.0 x 10	Call for Pricing
	A- 5L32- 32-1.0x10-25Q	5	32	1.0 x 10	Call for Pricing
Type 32	A- 5L64- 32-0.5x10-25Q	5	64	0.5 x 10	Call for Pricing
	A- 7.5L64 -32-0.5x10-25Q	7.5	64	0.5 x 10	Call for Pricing
	A- 10L64 -32-0.5x10-25Q	10	64	0.5 x 10	Call for Pricing



QED NDT PAUT Wedges

Achieve unparalleled precision in your inspections with our state-of-the-art phased array ultrasonic wedges. Designed for compatibility with a wide range of PAUT probes, these wedges can be seamlessly integrated in both automated scanning systems and manual inspection setups. Our extensive selection ensures you find the perfect wedge to suit your application, enhancing performance and accuracy.







*Custom Curves on Wedges can be done upon request (see pricing below).

Housing	Part Number	Degree	Wave Type	Shape	SWPC	Price
	W00-L0-F	0	Longitudinal	Flat		Call for Prici
Type 00	W00-S60-F	60	Shear	Flat		Call for Prici
	W00-S60-C	60	Shear	Curved		Call for Prici
	W10-L0-F	0	Longitudinal	Flat		Call for Prici
	W10-L0-C	0	Longitudinal	Curved		Call for Prici
	W10-L0-SWPC-F	0	Longitudinal	Flat	Yes	Call for Prici
Turno 10	W10-L0-SWPC-C	0	Longitudinal	Curved	Yes	Call for Prici
Type 10	W10-S55-F	55	Shear	Flat		Call for Prici
	W10-S55-C	55	Shear	Curved		Call for Prici
	W10-S55-SWPC-F	55	Shear	Flat	Yes	Call for Prici
	W10-S55-SWPC-C	55	Shear	Curved	Yes	Call for Prici
	W11-L0-F	0	Longitudinal	Flat		Call for Prici
	W11-L0-C	0	Longitudinal	Curved		Call for Prici
	W11-L0-SWPC-F	0	Longitudinal	Flat	Yes	Call for Prici
	W11-L0-SWPC-C	0	Longitudinal	Curved	Yes	Call for Prici
	W11-L60-F	60	Longitudinal	Flat		Call for Prici
-	W11-L60-C	60	Longitudinal	Curved		Call for Prici
Type 11	W11-L60-SWPC-F	60	Longitudinal	Flat	Yes	Call for Prici
	W11-L60-SWPC-C	60	Longitudinal	Curved	Yes	Call for Prici
	W11-S55-F	55	Shear	Flat		Call for Prici
	W11-S55-C	55	Shear	Curved		Call for Prici
	W11-S55-SWPC-F	55	Shear	Flat	Yes	Call for Prici
	W11-S55-SWPC-C	55	Shear	Curved	Yes	Call for Prici
	W12-L0-F	0	Longitudinal	Flat		Call for Prici
	W12-L0-C	0	Longitudinal	Curved		Call for Prici
	W12-L0-SWPC-F	0	Longitudinal	Flat	Yes	Call for Prici
	W12-L0-SWPC-C	0	Longitudinal	Curved	Yes	Call for Prici
Type 12	W12-S55-F	55	Shear	Flat		Call for Prici
	W12-S55-C	55	Shear	Curved		Call for Prici
	W12-S55-SWPC-F	55	Shear	Flat	Yes	Call for Prici
	W12-S55-SWPC-C	55	Shear	Curved	Yes	Call for Pricit
	W15-S60-F	60	Shear	Flat		Call for Prici
Type 15	W15-S60-C	60	Shear	Curved		Call for Prici
Type 17	W17-L60	60	Longitudinal			Call for Prici
71						
	W31-L0-F	0	Longitudinal	Flat		Call for Prici
	W31-L0-C	0	Longitudinal	Curved		Call for Prici
	W31-L0-SWPC-F	0	Longitudinal	Flat	Yes	Call for Prici
Type 31	W31-L0-SWPC-C	0	Longitudinal	Curved	Yes	Call for Prici
	W31-S55-F	55	Shear	Flat		Call for Prici
	W31-S55-C	55	Shear	Curved		Call for Prici
	W31-S55-SWPC-F	55	Shear	Flat	Yes	Call for Prici
	W31-S55-SWPC-C	55	Shear	Curved	Yes	Call for Prici
	W32-L0-F	0	Longitudinal	Flat		Call for Prici
	W32-L0-C	0	Longitudinal	Curved		Call for Prici
	W32-L0-SWPC-F	0	Longitudinal	Flat	Yes	Call for Prici
Type 32	W32-L0-SWPC-C	0	Longitudinal	Curved	Yes	Call for Prici
// · · · ·	W32-S55-F	55	Shear	Flat		Call for Prici
	W32-S55-C	55	Shear	Curved		Call for Prici
	W32-S55-SWPC-F	55	Shear	Flat	Yes	Call for Prici

VISUAL **MEASURING DEVICES** WELDING GAUGES





QED offers G.A.L. GAGE high-quality precision Weld Measuring Gauges for checking weld thickness, butt welds, pits, undercuts and much more. Our products include the 7-Piece Fillet Weld Set, Bridge Cam Gauge and the Adjustable Fillet Weld Gauge; to name a few.

Item	Description	Price
CAT2 PRO	GAL GAGE PRO Single Purpose Hi-Lo Welding Gauge (Inch)	Call for Pricing
CAT4	GAL GAGE Bridge Cam Gauge (BOTH Inch/Metric)	Call for Pricing
CAT5	GAL GAGE "V-WAC" Single Weld Gauge (Inch)	Call for Pricing
CAT6	GAL GAGE Automatic Weld Size Weld Gauge (Inch)	Call for Pricing
CAT8	GAL GAGE 7-Piece Fillet Weld Set (Inch)	Call for Pricing
CAT17	GAL GAGE Pipe Pit Gauge (Inch)	Call for Pricing
GG-SC	GAL GAGE Serialization and Certification NIST Traceable - Valid for 12 Months	Call for Pricing

*Welding Gauges are standardly accompanied by a Manufacturer Certificate of Conformance

*If you require a Gauge or other item not shown above please contact us for a Solution.

LEAK DETECTION **VACUUM BOX TESTING VACUUM BOXES, ACCESSORIES & SOLUTION**



Used for leak testing in building of ships, barges, tanks, or any seal weld application. All Vacuum Boxes come with a complete Venturi and Non-Certified Gauge.

VB18C or VB300

Item	Model	Size	Price
VB18	Flat	18"	Call for Pricing
VB30	That the second s	30"	can for Friding
VB18C	Corner	18"	Call for Pricing
VB30C	Comer	30"	Call for Pricing
VB30FX	Flexible	30"	Call for Pricing

*Pricing is Based off a Non-Certified Gauge, Call for Pricing if a Certified Gauge is Required

Item	Design	Price
VB-PUMP	Vacuum Pump - Air Flow 26.5" Mercury; 110 Volt; 13 PSI	Call for Pricing
VB-Venturi	Venturi made of steel with inlet thread of 3/8" NPT outlet and vacuum ports are ½" NPT able to Vacuum up to 23 Hg (Used with Compressed Air)	Call for Pricing
VB-Gauge	2" Steel gauge with brass 1/4" NPT range is 0-30 Hg VAC (Non-Certified)	Call for Pricing
VB-Gauge-C	2" Steel gauge with brass 1/4" NPT range is 0-30 Hg VAC (NIST Certified)	Call for Pricing
SP*001550	Type 1 SHERLOCK 5-Second Leak Detector, 1 Gallon	Call for Pricing



VB18 or VB30

HARDNESS TESTING **TELEWELD** BRINELL HARDNESS TESTING

Telebrineller hardness measurements are a direct comparison to a known physical reference and therefore, measurements are not subject to inaccuracies due to; alloy, thickness, geometry, position, etc., that are common with many other portable testers.



lesters.	BHNTS	BHNXXX	239-24
Item	Description		Price
BHNTS	Telebrineller Complete Set; Includes five (5) bars of selected hardness; Microscope; Computer; Bar Holder; Cal Case	culation Pad, all inside Carrying	Call for Pricing
	Telebrineller Test Bars (Available in 145-350 Hardness)	3 thru 10	Call for Pricing
BHNXXX	*BHN Bars have a Minimum Order of 3 Pieces - Bars can be Mixed to Obtain Quantity	11 thru 24	Call for Pricing
	Pricing*	25+	Call for Pricing
239-24	Halteman Filletester (Designed for Brinell Hardness Testing of fillet welds and other hard to reach areas)		Call for Pricing

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SERVICE

QED provides comprehensive repair services for equipment across all NDT modalities and manufacturers. Our team of qualified technicians will restore your equipment to working order in accordance with manufacturer standards quickly and efficiently, saving you time and money. We also provide onsite repairs, calibrations, and installations.



SP*001437	In-House Equipment Evaluation Fee	Call for Pricing
ROC	Rush Order Charge	Call for Pricing
ISTL	In-House Service Technician Labor (Hour)	Call for Pricing

*In-House Evaluation Fee (Per piece of Equipment) will be waived if Equipment is Repaired or New Equipment is Purchased

EQUIPMENT CALIBRATION/CERTIFICATION

QED provides professional calibration services in compliance with the National Institute of Standards and Technology (NIST) for a wide range of meters, gauges, and other NDT equipment used in various industries.

RADIOGRAPHY

Item	Code	Frequency	Description	Price
C-RSM	State & NRC	6 Months	Radiation Survey Meters	Call for Pricing
C-ARM	State & NRC	12 Months	Alarming Rate Meters	Call for Pricing
C-PD	State & NRC	12 Monuns	Pocket Dosimeters	Call for Pricing
C-PED	State & NRC	12 Months	Personal Electronic Dosimeter (PED)	Call for Pricing
SP*001503	ASME Sec. V	90 Days	Densitometer	Call for Pricing
SP*001557	ASTM E1390	Upon Repair	Certification of Light Intensity on Film Viewers per ASTM E1390	Call for Pricing
SP*001504	ASME Sec. V	12 Months	Certification of Density Step Tablet (All Brands)	Call for Pricing

BLACKLIGHTS & LIGHT METERS

Item	Code	Frequency	Description	Price
SP*001650	EN ISO 3059	12 Months	Certification of Light Output	Call for Pricing
SP*001335	ASTM E1444 & E1417	6 Months	Calibration of a Dual Sensor Light Meter (Non-Programable)	Call for Pricing
SP*001336	ASTM E1444 & E1417	0 Monuis	Calibration of a Single Sensor Light Meter (Non-Programable)	Call for Pricing
SP*001527	ASME Sec. V, ASTM E3024 &	12 Months	Calibration of a Dual Sensor Light Meter (Non-Programable)	Call for Pricing
SP*001528	E165	12 Months	Calibration of a Single Sensor Light Meter (Non-Programable)	Call for Pricing
XR-1000/R	ASTM	6 or 12 Months	Calibration of AccuMAX XR-1000 Read Out Unit	Call for Pricing
XDS-1000/R	ASTM	(Depending upon ASTM)	Calibration of AccuMAX XDS-1000 Dual (UV-A / VIS) Light Sensor	Call for Pricing
XS-555/L/R	ASTM E1742	12 Months	Calibration of AccuMAX XS-555/L Luminance Sensor	Call for Pricing
XP-2000/R	ASTM	6 or 12 Months (Depending upon ASTM)	Calibration of AccuPRO XP-2000 Dual (UV-A / VIS) Sensor Light Meter	Call for Pricing
APOLLO/R	ASTM	6 or 12 Months (Depending upon ASTM)	Calibration of LABINO Apollo Series Light Meter	Call for Pricing

MAGNETIC PARTICLE

Item	Code	Frequency	Description	Price
SP*001026	ASTM E1444 & E3024	6 Months	Yokes (All Makes & Models)	Call for Pricing
SP*001262	Customer	12 Months	Certification of 10 lb. Test Weight	Call for Pricing
SP*001021	ASTM E1444 & E3024	6 Months	Manashia Dautiala Calibustian (Daush su Dautable Huitt)	Coll for Priving
SP*001529	ASME Sec. V	12 Months	Magnetic Particle Calibration (Bench or Portable Unit)	Call for Pricing
SP*001154	ASTM E1444 & E3024	6 Months	Analog Magnetometer/Gaussmeter Calibration	Call for Pricing
SP*001645	ASTM E1444	6 Months		Call for Pricing
SP*001646	ASTM E3024	12 Months	Electronic (Digital) Gaussmeter Calibration	Call for Pricing

ULTRASONIC, HARDNESS & FERRITE TESTERS

Item	Code	Frequency	Description	Price
SP*001500	ASTM E317	12 Months	Calibration of an Ultrasonic Thickness Gauge	Call for Pricing
SP*001562	ASME Sec. V		Calibration of an Ultrasonic Flaw Detector	Call for Pricing
SP*001505	ASTM E797		Certification of Ultrasonic Thickness Step Wedges	Call for Pricing
SP*001456	ASTM E18 & A956		Certification of Hardness Tester	Call for Pricing
SP*002012	ASTM A799 / A799M-10		Calibration of Fischer Feritscope FMP 30 / DMP 30	Call for Pricing
SP*002013	A31191 A739 / A79919-10		Calibration of Fischer Ferrite Standard (Set of 5)	Call for Pricing

SPECIAL SERVICES LED FILM VIEWER MODIFICATION

Anti-Corrosion Treatment

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Item	Description	Price
SP*001710	Anti-Corrosion Treatment to NEW LED Film Viewer	Call for Pricing
CD*001710 LISED	Anti-Corrosion Treatment to USED LED Film Viewer. Includes pre-existing corrosion clean and replacement (as required) of switches, cooling fans	Call for Pricing
SP*001710-USED	and dimmer.	
*Modification is available	le for most make and model LED Film Viewers	

PREVENTATIVE MAINTENANCE (PM)

QED offers customized Preventative Maintenance Services to minimize downtime and ensure quality inspections. Our detailed electronic PM records allow us to not only identify unusal machine wear but also operator misuse that could cause premature equipment failure or safety concerns.

FILM PROCESSORS

	555555		
Brand	Model	Description	Price
CADECTDEAM	M37 Plus		Call for Pricing
CARESTREAM	M43iC		Call for Pricing
	NOVA	Clean Racks/Tanks with Systems Cleaners and Replace Filters - Check	
	M-ECO	Racks, Drive, Dryer and Pumps for Missing or Worn Parts	Call for Pricing
GE (AGFA)	NDT-U		Call for Pricing
	NDT-Si		
	Brand CARESTREAM GE (AGFA)	CARESTREAM M37 Plus M43iC NOVA GE (AGFA) M-ECO NDT-U	CARESTREAM M37 Plus M43iC NOVA Clean Racks/Tanks with Systems Cleaners and Replace Filters - Check Racks, Drive, Dryer and Pumps for Missing or Worn Parts GE (AGFA) NDT-U

*Above pricing is based upon PM being performed at Customer's location and does not include applicable travel expenditures

FILM PROCESSOR CLEANING PRODUCTS & QUALITY TOOLS

► T2 Max Radiographic Cleaner - Safe for all industrial film processors. Cleans: developer, fixer, oxidation, silver, and algae deposits from rollers, tanks, webs, and transports in 3-5 minutes.

► EASY CLEAN Algae Pump System - A simple to use dosing system to inject Easy Clean Algae AD solution directly into a processor wash tank at programmed times and at the required dosage during the working day and night.

► EASY CLEAN Algae AD - Safe, Non-Toxic, Non-Corrosive, Bio-Degradable A highly concentrated, blend of unique cleaning agents. Rapidly breaks down the bio-film which causes slimy, clogging bio-slime. Regular use keeps wash/rinse water clean and fresh. Formulated for use with the Colenta automatic dosing pump system to place small quantities of additive into the wash tank at the selective times and at the required dosing rates during every 24 hour cycle.



Item	Description	Price
5261326	INDUSTREX Process Control Strips, pack of 25	Call for Pricing
3Q210	STRUCTURIX PMC Strips, pack of 50	Call for Pricing
SP*001237	14" x 17" Processor Clean-Up Film, 100/Pack	Call for Pricing
3690	T2 Max Universal Radiographic Cleaner, 32oz. Spray Bottle	Call for Pricing
9050555	Colenta EASY CLEAN Anti-Algae Dosing Pump Assembly (230V from Processor)	Call for Pricing
9050502	Colenta EASY CLEAN Anti-Algae AD, 4 x 5 Liter Bottles	Call for Pricing

IS-199 CHEMICAL MIXER

The ultimate automatic x-ray chemical mixer with the specific gravity control producing a consistent mix each and every time. The mixer responds to the addition of concentrated chemicals and adds the correct amount of water automatically. Includes a low level warning system. Over 15 years of proven reliability; all electronic components are chosen for dependability and straight forward circuitry eliminates the need for circuit boards for increased reliability.

Features:

- Specific Gravity Mixing System
- ► Rugged Field Tested Components
- ► Low Level Warning Systems
- ► Easy-to-Service Design
- ► UL/CSAListed Power Supply
- 24 Volt Operation

HITE MOUNTAIN IMAGING

One Year Warranty on all Parts

Item	Description	Capacity	Chemical Brand	Price
19945	IS-199 Chemical Mixer	12.5 Gallons	T2	
19956-I		Developer	Carestream	Call fay Driving
19960-I		&	AGFA	Call for Pricing
19966-FNDT		Fixer	Fuji	

*Other Chemical Brand Options are available upon request.

FIELD SERVICE CALL-OUT RATES

The below rates are based off work being performed Monday - Friday (8AM-5PM).

Item	Description	Price		
STT	Service Technician Travel	Call for Pricing		
STL	Service Technician Labor	Call for Pricing		
*A Four (4) Hour Labor (On-Site) Minimum applies for all local call-outs in addition to applicable Travel Time				





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"FOR ALL YOUR NDT EQUIPMENT, SUPPLIES AND SERVICE - THINK QUALITY"

REPRESENTING OVER 50 MANUFACTURERS

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