

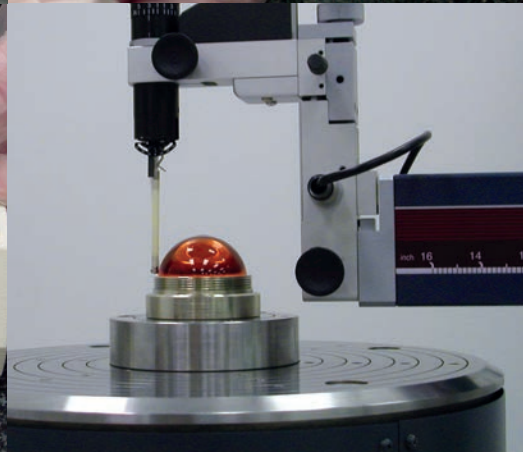
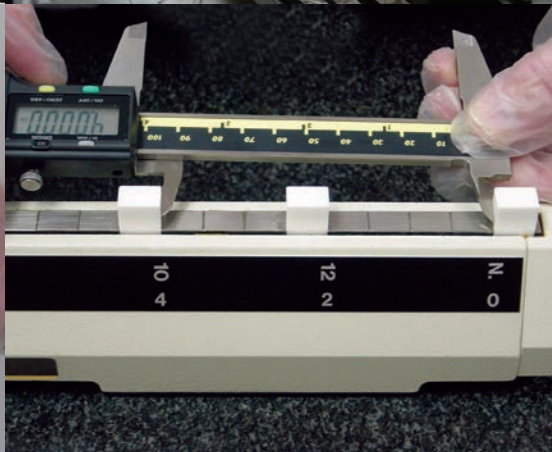
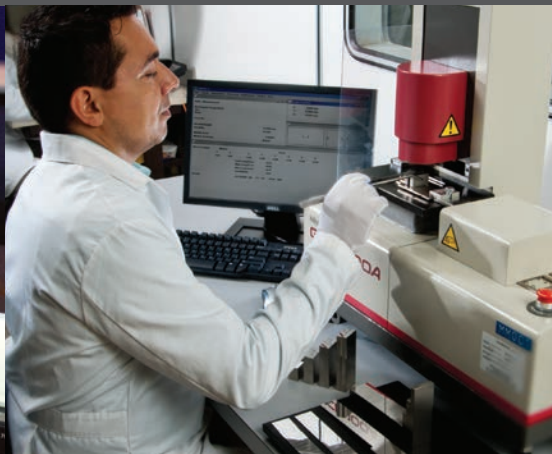
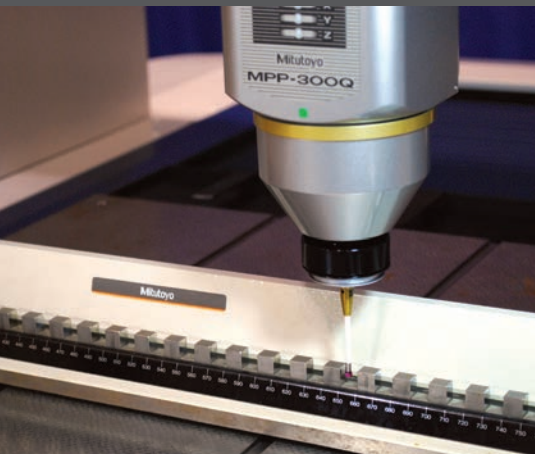
# Mitutoyo



# CALIBRATED TOOLS PROMO 10% OFF

Effective August 3 through September 30, 2020

CALIBRATED TOOLS PROMO



# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Filling Your Customers' Calibrated Tool Orders is Now Easier & Faster

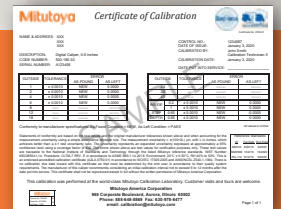
Our New Product Numbering System & Open "Date Put Into Service" Certificate Simplifies the Purchasing & Inventory Control Process.

Mitutoyo America Corporation has an exciting new feature to make buying, inventorying and selling certified Mitutoyo Calibrated Products easier, faster and more efficient.

A comprehensive list of Mitutoyo Calibrated Products now come with a single, unique product number and bar code from our warehouse, and the products' certificates of calibration have an open Date Put Into Service for longer shelf life and better inventory control.

These changes provide many advantages for distributors and end users, including:

- Calibrated tools and instruments can be inventoried by distributors and shipped to customers much faster now, eliminating previous lead times with "made-to-order" calibrations on tools.
- Single, new product code number includes a CAL suffix (eg: 500-196-30CAL) and bar code helping to control and manage your inventory.
- Open Date Put Into Service is filled in by the end user when the measuring equipment is first used, providing longer shelf life for distributors and end users.
- Open Date Put Into Service also avoids "lost" certified calibration time while the tool is in inventory, shipping, and waiting on the customer's shelf to be put into service.
- All Calibrated Products have an ISO/IEC 17025 Accredited Certificate of Calibration packaged with the product, representing the best practice in calibration.
- Calibrations are performed at the Mitutoyo America Corporation A2LA Accredited Calibration Laboratory in Aurora, Illinois



<https://www.mitutoyo.com/news/filling-your-customers-calibrated-tool-orders-is-now-easier-faster/>

### MDH Micrometer

#### World's first 5pinch /0.1µm resolution micrometer

The high-accuracy MDH with 5 millionths resolution can output in its entirety in both inch and metric. Resulting data can input directly to Excel®, MeasurLink® or other SPC programs.

**d2**

"d2" is the name for Mitutoyo Digimatic output compatible with up to 8 digits of I/O data.



293-130-10

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



Function lock

Heat shield



Order No.	Range	Resolution	Accuracy	List	Promo
293-130-10CAL	0 - 1" / 0 - 25.4mm	.000005"/.00002" 0.0001mm/0.0005mm (switchable)	±.00002"	\$1,813.00	<b>\$1,631.70</b>

#### To order, contact your local authorized Mitutoyo distributor.

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**Mitutoyo**

Effective Aug. 3 – Sept. 30, 2020

# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Digimatic Micrometer

- > Electromagnetic ABSOLUTE sensor - higher resistance to environmental conditions such as dirt, oil and water, which can cause false readings.
- > Ratchet thimble on select models improves one-hand operability.
- > Anti-slip finish for better grip while taking measurements.
- > Long battery life – 2.4 years under normal operation.
- > Fully compatible with existing Mitutoyo Digimatic peripherals (SPC Cables, U-Wave wireless transmitters, DP1-VA, etc.) – SPC output-enabled IP65 models.
- > Function-lock system prevents inadvertent setting changes.



www.mitutoyo.com/MDC  
VIDEO DEMO



COOLANT PROOF™

MeasurLink™ ENABLED  
Data Management Software by Mitutoyo

Order No.	Range	Resolution	Remarks	List	Promo
293-330-30CAL*	0-1"/0-25.4mm	.00005"/0.001mm	Ratchet Stop	\$273.00	<b>\$245.70</b>
293-340-30CAL	0-1"/0-25.4mm	.00005"/0.001mm	Ratchet Stop	\$219.00	<b>\$197.10</b>
293-344-30CAL	0-1"/0-25.4mm	.00005"/0.001mm	Ratchet Thimble	\$219.00	<b>\$197.10</b>
293-349-30CAL	0-1"/0-25.4mm	.0001"/0.001mm	Ratchet Thimble, tenths reading	\$219.00	<b>\$197.10</b>
293-348-30CAL	0-1"/0-25.4mm	.00005"/0.001mm	Friction Thimble	\$219.00	<b>\$197.10</b>
293-331-30CAL*	1-2"/25.4-50.8mm	.00005"/0.001mm	Ratchet Stop w/Standard	\$331.00	<b>\$297.90</b>
293-341-30CAL	1-2"/25.4-50.8mm	.00005"/0.001mm	Ratchet Stop w/Standard	\$291.00	<b>\$261.90</b>
293-345-30CAL	1-2"/25.4-50.8mm	.00005"/0.001mm	Ratchet Thimble w/Standard	\$291.00	<b>\$261.90</b>
293-346-30CAL	2-3"/50.8-76.2mm	.00005"/0.001mm	Ratchet Thimble w/ Standard	\$370.00	<b>\$333.00</b>
293-334-30CAL*	0-1"/0-25.4mm	.00005"/0.001mm	Ratchet Thimble	\$291.00	<b>\$261.90</b>
293-335-30CAL*	0-1"/0-25.4mm	.00005"/0.001mm	Friction Thimble	\$273.00	<b>\$245.70</b>



\*with SPC Output

SPC cable with data switch – 1m: 05CZA662 2m: 05CZA663

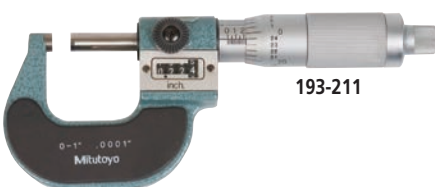
### MDC-Lite Micrometer

- > Simple operation— zero set and in/mm (inch/metric models only) keys.
- > A ratchet stop or friction thimble for a constant measuring force.
- > Measurement readout with large LCD characters.
- > No spindle clamp. No data output.



Order No.	Range	Resolution	Remarks	List	Promo
293-831-30CAL	0 - 1" / 0 - 25.4mm	.00005" / 0.001mm	Ratchet Stop	\$181.00	<b>\$162.90</b>
293-832-30CAL	0 - 1" / 0 - 25.4mm	.00005" / 0.001mm	Friction Thimble	\$191.00	<b>\$171.90</b>

### Mechanical Counter Micrometer



> Mechanical digit counter with .001" reading for quick and error-free reading\*

Order No	Range	Graduation	Remarks	List	Promo
193-211CAL	0-1"	.0001"*	Friction Thimble	\$218.00	<b>\$196.20</b>

\*.0001" reading is obtained with vernier.

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Point Micrometer

- > Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways and other hard-to-reach dimensions.
- > The measuring points have approximately 0.3mm / .012" radius.
- > Includes a standard bar except for 0 - 1" model
- > Resolution: .00005"/0.001mm (digital models)
- > With SPC output.
- > With carbide tips.

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



342-351-30



Digital

Order No.	Range	Accuracy	Point	List	Promo
342-351-30CAL	0 - 1" / 0 - 25.4mm	±.0001"	15°	\$507.00	<b>\$456.30</b>
342-361-30CAL	0 - 25.4mm	±.0001"	30°	\$507.00	<b>\$456.30</b>
342-352-30CAL	1" - 2" / 25.4 - 50.8mm	±.0001"	15°	\$582.00	<b>\$523.80</b>
342-362-30CAL	25.4 - 50.8mm	±.0001"	30°	\$550.00	<b>\$495.00</b>

SPC cable with data switch - 1m: **05CZA662** 2m: **05CZA663**

### Spherical Face Micrometer

- > Designed to measure the wall thickness of various tubing.
- > Resolution: .00005" / 0.001mm (.001" on counter and .0001" w/vernier on 295-253)
- > With SPC output. (excluding 295-253)
- > Includes a standard bar except for 0 - 1" model
- > Large sizes available



395-371-30



**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



295-253

Order No.	Range	Accuracy	Min ID	List	Promo
395-371-30CAL <sup>S-S</sup>	0 - 1" / 0 - 25.4mm	±.0001"	D: .59"	\$453.00	<b>\$407.70</b>
395-372-30CAL <sup>S-S</sup>	1" - 2" / 25.4 - 50.8mm	±.0001"	D: .59"	\$500.00	<b>\$450.00</b>
395-351-30CAL <sup>S-F</sup>	0 - 1" / 0 - 25.4mm	±.0001"	D: .59"	\$440.00	<b>\$396.00</b>
395-352-30CAL <sup>S-F</sup>	1" - 2" / 25.4 - 50.8mm	±.0001"	D: .59"	\$490.00	<b>\$441.00</b>

#### Mechanical Digit Counter

295-253CAL <sup>S-S*</sup>	0 - 1"	±.00015"	D: .40"	\$262.00	<b>\$235.80</b>
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S-F: Spherical anvil and flat spindle

SPC cable with data switch - 1m: **05CZA662** 2m: **05CZA663**

S-S: Spherical anvil and spherical spindle

### Disk Micrometer

- > Diameter of measuring disk: .79"
- > Disk edge thickness .028"
- > With Ratchet Stop for constant force.
- > Resolution: .00005"/0.001mm

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



323-350-30

Order No.	Range	Accuracy	List	Promo
323-350-30CAL	0 - 1" / 0 - 25.4mm	±.0002"	\$545.00	<b>\$490.50</b>

SPC cable with data switch - 1m: **05CZA662** 2m: **05CZA663**

### Blade Micrometer

- > The anvil and the spindle have a blade for measuring the groove diameter of shafts, keyways, and other hard-to-reach areas.
- > With Ratchet Stop for constant force.
- > Used for measuring groove diameters on shafts.
- > Steel Blade

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



422-330-30



Order No.	Range	Resolution	List	Promo
422-330-30CAL	0 - 1" / 0 - 25.4mm	.00005"/0.001mm	\$834.00	<b>\$750.60</b>

SPC cable with data switch - 1m: **05CZA662** 2m: **05CZA663**

### Chrome Frame Micrometer

- > Satin chrome-finished frame, tapered (on the anvil side) for hard-to-reach places.



101-113

Order No	Range	Graduation	Accuracy	List	Promo
<b>With Ratchet Stop</b>					
101-113CAL	0-1"	.0001"	±.0001"	\$171.00	<b>\$153.90</b>

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**Mitutoyo**

# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Digimatic Caliper

- > AOS Electromagnetic inductive sensor improves environmental resistance against dirt, water and oil.
- > A battery life of approximately 3.5 years has been achieved under normal use through the adoption of Mitutoyo's ABSOLUTE scale.
- > The slider configuration features an ergonomic, thumb-friendly shape.
- > Step-measurement capable.
- > The data output function allows integration into Statistical Process Control and measurement systems.
- > Display character height: 9mm
- > AOS applies to 4", 6" and 8" models
- > Resolution: .0005"/0.01mm



www.mitutoyo.com/aoscd  
VIDEO DEMO



500-171-30

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo

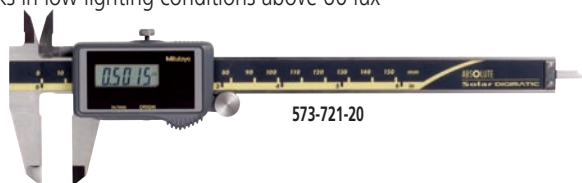
**ABSOLUTE AOS**  
**DIGIMATIC**  
AOS: Advanced Onsite Sensor

Order No.	Range	Remarks	List	Promo
<b>No SPC Output Style</b>				
500-195-30CAL	0-4"/0-100mm	.075" round depth bar	\$181.00	\$162.90
500-196-30CAL	0-6"/0-150mm		\$196.00	\$176.40
500-197-30CAL	0-8"/0-200mm		\$272.00	\$244.80
500-193-30CAL	0-12"/0-300mm		\$511.00	\$459.90
<b>With SPC Output Style</b>				
500-170-30CAL	0-4"/0-100mm	.075" round depth bar	\$210.00	\$189.00
500-171-30CAL	0-6"/0-150mm		\$223.00	\$200.70
500-172-30CAL	0-8"/0-200mm		\$289.00	\$260.10
500-173-30CAL	0-12"/0-300 mm		\$588.00	\$529.20
500-505-10CAL	0-18"/0-450mm	without thumb roller	\$897.00	\$807.30
500-506-10CAL	0-24"/0-600mm	without thumb roller	\$1,006.00	\$905.40
500-507-10CAL	0-40"/0-1000mm	without thumb roller	\$1,909.00	\$1,718.10

SPC cable with data switch – 1m: 959149 2m: 959150

### Solar Caliper

- > Absolute Encoder Technology
- > No battery needed
- > Works in low lighting conditions above 60 lux

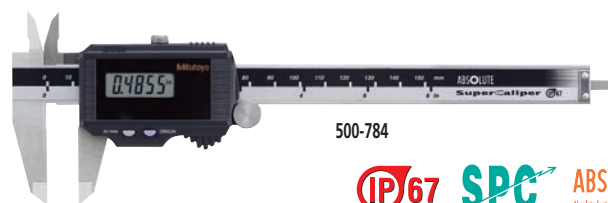


573-721-20

Order No.	Range	Resolution	List	Promo
500-474CAL	0-6"/0-150mm	.0005" / 0.01mm	\$236.00	\$212.40
500-475CAL	0-8"/0-200mm	.0005" / 0.01mm	\$303.00	\$272.70

### Super Caliper-Solar Powered, Coolant Proof

- > Origin restoration unnecessary, a measurement can be started any time and with unlimited response speed.
- > No battery or origin reset needed for IP67 Digital Caliper
- > World's most unique solar-powered Super Caliper that is eco-friendly with no battery and has IP67 protection.
- > The impact resistance of the display unit has been increased for improved usability in workshop conditions.
- > This Super Caliper uses components that do not contain harmful substances and is compatible with RoHS Directives.



500-784

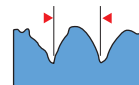


Order No.	Range	Accuracy	Resolution	List	Promo
500-784CAL*	0 - 6" / 0 - 150mm	±.001"	.0005" / 0.01mm	\$281.00	\$252.90
500-785CAL*	0 - 8" / 0 - 200mm	±.001"	.0005" / 0.01mm	\$356.00	\$320.40

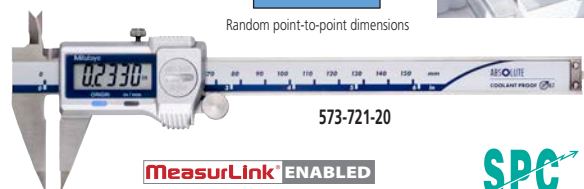
\*Without SPC data output

### Point Caliper

- > Narrow tip jaws fit into very small grooves and tracks, making many previously difficult outside measurements easier to obtain.
- > With depth bar.
- > With SPC data output.



Random point-to-point dimensions



573-721-20

**MeasurLink** ENABLED  
Data Management Software by Mitutoyo



Order No.	Range	Accuracy	Resolution	List	Promo
573-721-20CAL	0 - 6" / 0 - 150mm	±.001"	.0005" / 0.01mm	\$483.00	\$434.70
573-725-20CAL*	0 - 6" / 0 - 150mm	±.001"	.0005" / 0.01mm	\$555.00	\$499.50

\* Extended tips

SPC cable with data switch – 1m: 05CZA624 2m: 05CZA625

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Coolant-Proof Calipers



- > Sealed housing is IP-67 rated, meaning it's immune to the coolants, dirt, grit and chips found in many manufacturing environments.
- > Easy to use - no need to wipe or clean the scale.
- > .0005"/0.01mm resolution with  $\pm .001$ " accuracy.
- > Automatic power-on/off.

**MeasurLink<sup>®</sup> ENABLED**  
Data Management Software by Mitutoyo

Order No.	Range	List	Promo
<b>Non-Output Style</b>			
500-752-20CAL	0-6"/0-150mm	\$250.00	<b>\$225.00</b>
500-753-20CAL	0-8"/0-200mm	\$329.00	<b>\$296.10</b>
500-763-20CAL	0-8"/0-200mm	\$362.00	<b>\$325.80</b>
500-764-20CAL*	0-12"/0-30mm	\$600.00	<b>\$540.00</b>
500-754-20CAL*	0-12"/0-30mm	\$546.00	<b>\$491.40</b>
<b>SPC Output Style</b>			
500-762-20CAL	0-6"/0-150mm	\$290.00	<b>\$261.00</b>
500-733-20CAL	0-6"/0-150mm	\$405.00	<b>\$364.50</b>
500-734-20CAL	0-8"/0-200mm	\$495.00	<b>\$445.50</b>
500-736-20CAL	0-8"/0-200mm	\$411.00	<b>\$369.90</b>
500-737-20CAL	0-6"/0-150mm	\$446.00	<b>\$401.40</b>

\*  $\pm .0015$ " accuracy

SPC cable - 1m: **05CZA624** 2m: **05CZA625**

### Digimatic Carbon Fiber Caliper



552-314-10

**IP66 SPC ABSOLUTE<sup>®</sup>**  
Absolute System Patented by MITUTOYO

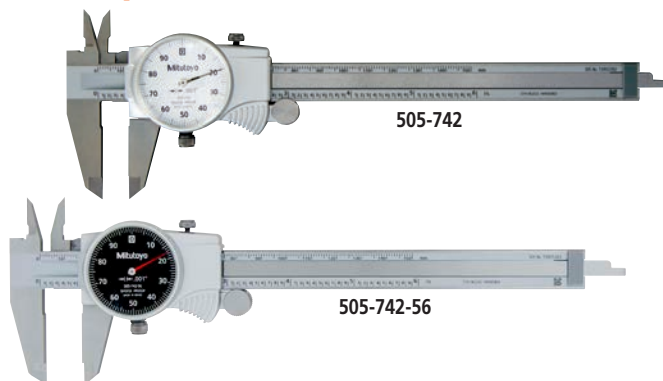
**MeasurLink<sup>®</sup> ENABLED**  
Data Management Software by Mitutoyo

Order No.	Range	Accuracy	Resolution	List	Promo
552-312-10CAL	0(0.504")-18"	$\pm .002$ "	.0005"/0.01mm	\$1,028.00	<b>\$925.20</b>
552-313-10CAL	0(0.504")-24"	$\pm .002$ "	.0005"/0.01mm	\$1,169.00	<b>\$1,052.10</b>
552-314-10CAL	0(0.004")-40"	$\pm .002$ "	.0005"/0.01mm	\$2,069.00	<b>\$1,862.10</b>
552-315-10CAL	0(0.004")-60"	$\pm .004$ "	.0005"/0.01mm	\$2,469.00	<b>\$2,222.10</b>
552-316-10CAL	0(0.004")-80"	$\pm .005$ "	.0005"/0.01mm	\$3,844.00	<b>\$3,459.60</b>

SPC cable - 1m: **05CZA624** 2m: **05CZA625**

- > Lightweight Digimatic Calipers that employ CFRP (Carbon Fiber Reinforced Plastics) in the beam and jaws.
- > Highly durable and easy to handle.
- > Direct readout of ID measurements from the LCD. (Offset value can be set easily by pressing the Offset key.)
- > Preset function for setting a desired starting point.
- > With SPC data output.
- > Special models available with ceramic jaws which are suitable for measuring abrasive and magnetic products.
- > Can be used in workshop conditions exposed to coolant, water, dust or oil.
- > Incorporates ABSOLUTE measurement system.
- > Automatic power-on/off.

### Dial Calipers



505-742

505-742-56

- > Smooth sliding with high shock protection.
- > Lock screw for dial bezel and for holding the sliding jaw position.
- > Can measure OD, ID, depth and steps.
- > Models available with carbide-tipped OD and ID jaws.
- > Graduations: .001"

Order No.	Range	Remarks	List	Promo
505-742CAL	6" .100"/rev.		\$160.00	<b>\$144.00</b>
505-738CAL	6" .100"/rev.	carbide-tipped jaws	\$248.00	<b>\$223.20</b>
505-740CAL	6" .200"/rev.		\$149.00	<b>\$134.10</b>
505-742-56CAL	6" .100"/rev.	Black dial face	\$160.00	<b>\$144.00</b>
505-737CAL	8" .100"/rev.		\$302.00	<b>\$271.80</b>
505-743CAL	8" .100"/rev.		\$223.00	<b>\$200.70</b>
505-746CAL	12" .100/rev		\$336.00	<b>\$302.40</b>
505-749CAL	12" .200/rev		\$316.00	<b>\$284.40</b>

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### ID-S Digimatic Indicators

- > Employing the ABSOLUTE linear encoder, the ID-S always displays the spindle Absolute Position from the origin at power-on.  
Also, unlimited response speed eliminates overspeed errors.
- > Dust/Water protection level: IP42 (IP53: **543-795B**, **543-796B**)
- > SPC data output.

ABSOLUTE®

SPC

MeasurLink<sup>®</sup> ENABLED  
Data Management Software by Mitutoyo



Order No.	Resolution	Range	Accuracy	Measuring force	Remarks	List	Promo
<b>Stem dia. 3/8", #4-48 UNF Thread</b>							
543-792CAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ lug back	\$342.00	<b>\$307.80</b>
543-796CAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	2.5N or less	w/ lug back	\$371.00	<b>\$333.90</b>
543-793CAL	.0001"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ lug back	\$342.00	<b>\$307.80</b>
543-783CAL	.0005"/0.01mm	.5" / 12.7mm	±.0010"	1.5N or less	w/ lug back	\$243.00	<b>\$218.70</b>
543-792BCAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ flat-back	\$342.00	<b>\$307.80</b>
543-796BCAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	2.5N or less	w/ flat-back	\$371.00	<b>\$333.90</b>
543-793BCAL	.0001"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ flat-back	\$342.00	<b>\$307.80</b>
543-783BCAL	.0005"/0.01mm	.5" / 12.7mm	±.0010"	1.5N or less	w/ flat-back	\$243.00	<b>\$218.70</b>
<b>Stem ø 8mm, M2.5 x 0.45 Thread</b>							
543-791CAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ lug back	\$351.00	<b>\$315.90</b>
543-795CAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	2.5N or less	w/ lug back	\$380.00	<b>\$342.00</b>
543-782CAL	.0005"/0.01mm	.5" / 12.7mm	±.001"	1.5N or less	w/ lug back	\$243.00	<b>\$218.70</b>
543-791BCAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	1.5N or less	w/ flat-back	\$351.00	<b>\$315.90</b>
543-795BCAL	.00005"/0.001mm	.5" / 12.7mm	±.0001"	2.5N or less	w/ flat-back	\$380.00	<b>\$342.00</b>
543-782BCAL	.0005"/0.01mm	.5" / 12.7mm	±.001"	1.5N or less	w/ flat-back	\$243.00	<b>\$218.70</b>

SPC cable – 1m: 905338 2m: 905409

### ID-C Digimatic Indicators

- > Absolute Encoder ensures all settings and readings maintained for the life of the battery (even when the power is turned off).
- > Preset, zero set, inch/mm, +/- direction and go/no-go functions.
- > Face rotates 330° for use at various angles.
- > Stem diameter: 3/8".
- > Protected from overspeed errors.
- > SPC output provided.
- > Average battery life 7,000 hours using SR-44 battery (938882).

MeasurLink<sup>®</sup> ENABLED  
Data Management Software by Mitutoyo

Order No.	Range	Remarks	List	Promo
<b>.0005"/0.01mm Resolution</b>				
543-402CAL	.500"/12.7mm	lug back	\$380.00	<b>\$342.00</b>
543-402BCAL	.500"/12.7mm	flat back	\$380.00	<b>\$342.00</b>
543-476BCAL	1"/25mm	flat back	\$529.00	<b>\$476.10</b>
543-496BCAL	2"/50mm	flat back	\$676.00	<b>\$608.40</b>
<b>.00005"/.0001"/.0005"/0.001mm/0.01mm selectable resolutions</b>				
543-392CAL	.500"/12.7mm	lug back	\$498.00	<b>\$448.20</b>
543-392BCAL	.500"/12.7mm	flat back	\$498.00	<b>\$448.20</b>
543-472BCAL	1"/25mm	flat back	\$646.00	<b>\$581.40</b>

SPC cable – 1m: 905338 2m: 905409



SPC

ABSOLUTE®

Now with multiplier function  $f(x)=Ax$   
(other models available with  $Ax+B+Cx-1$  function).

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Mitutoyo

# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### ID-H Digimatic Indicators

Remote Programming Capable

> This digital indicator offers the excellent accuracy and functionality expected from this class of indicator. Take advantage of its high accuracy backed up by 0.5µm / .00002" resolution, remote control functionality via a handheld controller (or an RS-232C interface) and easy runout measurements with the well-established analog bar display.

- > The maximum, minimum or runout value can be displayed during measurement.
- > Go/no-go judgment is performed by setting the upper and lower tolerances. If a judgment result is out of tolerance, the display backlighting changes from green to red, so tolerance judgment can be made at a glance.
- > With RS-232C input/output

Stem dia. 3/8" #4-48 UNF Thread

Order No.	Resolution	Range	Model	Accuracy	List	Promo
543-562ACAL	.00002", .00005", .0001", 0.0005mm,	1.2" / 30.4mm	ID-H530E	0.0015mm	\$970.00	<b>\$873.00</b>
543-564ACAL	0.001mm	2.4" / 60.9mm	ID-H560E	0.0025mm	\$1,141.00	<b>\$1,026.90</b>

SPC cable – 1m: 936937 2m: 965014



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### ID-F Digimatic Indicators

> With the ABSOLUTE linear encoder technology, once the measurement reference point has been preset, it will not be lost when the power is turned on.

> Go/no-go judgment is performed by setting the upper and lower tolerances. If a judgment result is out of tolerance, the display backlighting changes from green to red, so tolerance judgment can be made at a glance.

> The maximum, minimum or runout value can be displayed during measurement.

> An analog bar indicator has been integrated to handle upper/lower limit approaching and zero approaching. It enhances the ease of operation in the same manner as a dial indicator. The display range of the analog bar can be changed.



Stem dia. 3/8" #4-48 UNF Thread

Order No.	Resolution	Range	Model	Accuracy	List	Promo
543-552ACAL	.00005", .0001", .0005", .001", 0.001mm,	1" / 25.4mm	ID-F125E	.00012"	\$748.00	<b>\$673.20</b>
543-558ACAL	0.01mm	2" / 50.8mm	ID-F150HE	.00012"	\$857.00	<b>\$771.30</b>

SPC cable – 1m: 936937 2m: 965014



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### ID-U Digimatic Indicators

> Slim digital indicator with low price.

> Large LCD and simple key operation.

> After the initial origin setting, the ID-U no longer needs absolute positioning over the entire battery life; the origin is remembered even after power-off.

> Ideal for installation into measuring devices because of compact design and long battery life.

> Employing the ABSOLUTE linear encoder, the ID-U always displays the spindle Absolute Position from the origin at power-on. Also unlimited response speed eliminates overspeed errors.

> Flat-back type- has no option for backs.

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**SPC**

Order No.	Resolution	Range	Model	Accuracy	Measuring force	List	Promo
575-123CAL	.0005"/0.01mm	1" / 25.4mm	ID-U1025E	0.001"	1.8N or less	\$262.00	<b>\$235.80</b>

SPC cable – 1m: 905338 2m: 905409

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Series One Dial Indicators

> Mitutoyo's Dial Indicators now offer users more stability and longer life, thanks to advances to the inner workings of the rack and pinion gear system. Shock resistance is increased with a more robust gear train, while contamination resistance has been dramatically increased over other indicators of this type with a tighter seal around the bezel and frame, and the elimination of a lifting lever screw.

Order No	Graduation	Range	Dial Reading	Accuracy	List	Promo
1410S-10CAL	.001"	.25"	0-100	±.001"	\$150.00	<b>\$135.00</b>
1923T-10CAL	.0005"	.05"	0-10-0	±0.005"	\$198.00	<b>\$178.20</b>



1410S-10

### Series Two Dial Indicators

> High-strength, heat-treated stainless steel spindles for longevity  
 > Scratch and chemical-resistant hard-coated crystals

Order No	Graduation	Range	Range/Rev	Type	Dial Reading	Accuracy First 2.5 Rev/Overall	Force	List	Promo
2358S-10CAL	.0001"	.5"	.01"	w/lug	0-10	.0002 / .0008"	2.0N or less	\$262.00	<b>\$235.80</b>
2416SCAL	.001"	1"	.1"	w/lug	0-100	.001 / .002"	1.8N or less	\$165.00	<b>\$148.50</b>
2416S-10CAL	.001"	1"	.1"	w/lug	0-100	.001 / .002"	1.8N or less	\$187.00	<b>\$168.30</b>
2424S-19CAL	.001"	2"	.1"	w/lug	0-100	.001 / .003"	2.5N or less	\$274.00	<b>\$246.60</b>
2776SCAL	.0005"	1"	.05"	w/lug	0-50	.0005 / .002"	2.5N or less	\$188.00	<b>\$169.20</b>
2109SB-10CAL	0.001mm	1mm	0.2mm	flat back	0-100-0	±0.005mm	1.5N or less	\$242.00	<b>\$217.80</b>



2416S

### Digimatic Height Gage

- > Built in ABSOLUTE linear encoder
- > This encoder eliminates the necessity of setting the reference point at every power-on.
- > Immune to overspeed errors.
- > Fine-adjustment carriage to feed the slider finely.
- > Carbide-tipped scriber is provided.
- > With SPC data output.



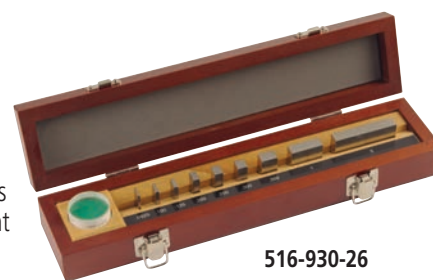
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**SPC** ABSOLUTE  
Random System Powered by MITUTOYO

Order No.	Range	Accuracy	Resolution	List	Promo
570-312CAL	0 - 12" / 0 - 300mm	±.0015"	.0005" / 0.01mm	\$731.00	<b>\$657.90</b>

### Rectangular Steel Gage Block Sets

> All Mitutoyo gage blocks meet or exceed all known specifications. The flatness, parallelism and surface finish necessary to achieve the required accuracies are the same as or better than government requirements.



516-930-26

Order No.	Blocks per Set	Grade	Blocks Incl. In Set	List	Promo
516-930-26CAL	9	0	.0625", .100", .125", .200", .250", .300", .500", 1", 2"	\$486.00	<b>\$437.40</b>
516-935-26CAL	9	AS-1	.0625", .100", .125", .200", .250", .300", .500", 1", 2"	\$303.00	<b>\$272.70</b>

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Depth Micrometers

- > Interchangeable rods, with lapped measuring end, provide a wide measuring range.
- > The rod length can be interchanged in 1" increments.
- > With ratchet stop for constant force.
- > With measuring rod clamp.
- > Supplied in fitted plastic case.

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Data Management Software by Mitutoyo

Order No.	Range	Grad/Resolution	Remarks	List	Promo
129-127CAL	0-4"	.001"	analog 2.5" base, 4 rods	\$241.00	\$216.90
329-350-30CAL	0-6"/150mm	.00005"	digital 4" base, 6 rods	\$670.00	\$603.00



129-127

### Digimatic Depth Gage

- > ABSOLUTE Digimatic Depth Gage can keep track of the origin point once set for the entire life of the battery.
- > Wide probing range is available with the supplied extension rod.
- > Bottom surface of the 2.5" base is hardened, ground and lapped for flatness.
- > With SPC data output.

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Data Management Software by Mitutoyo

Order No.	Range	Resolution	List	Promo
547-217SCAL	0-8"/0-200mm	0.0005"/0.01mm	\$557.00	\$501.30



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Absolute System Powered by MITUTOYO

547-217S

### Digimatic Depth Gage



571-213-10

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**SPC** **ABSOLUTE**  
Absolute System Powered by MITUTOYO

Order No.	Range	Resolution	Accuracy	List	Promo
571-211-30CAL	0-6"/0-150mm	0.0005"/0.01mm	±.001"	\$404.00	\$363.60
571-213-10CAL	0-12"/0-300mm	0.0005"/0.01mm	±.0015"	\$554.00	\$498.60

- > ABSOLUTE Digimatic Depth Gage can keep track of the origin point once set for the entire life of the battery
- > Base and measuring faces are hardened and micro-lapped.
- > Optional wider extension base are available.
- > With SPC data output.

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# CALIBRATED TOOLS PROMO

## SAVE 10% on Mitutoyo Calibrated Tools

### Digimatic Thickness Gages

> Thickness Gages offer a quick and efficient means of inspection with their convenient grip handle, thumb trigger and spring-loaded spindle. Models with various dimensions are also available.

> With SPC output.



VIDEO DEMO



547-520S

Order No.	Range	Resolution	Remarks	List	Promo
547-400SCAL	0-.47"/0-12mm	.00005"/0.001mm	High-Accuracy	\$917.00	<b>\$825.30</b>
547-500SCAL	0-.47"/0-12mm	.0005"/0.01mm	Standard Depth	\$351.00	<b>\$315.90</b>
547-520SCAL	0-.47"/0-12mm	.0005"/0.01mm	Throat Depth: 4.7"	\$374.00	<b>\$336.60</b>

### Dial Thickness Gages

Thickness Gages offer a quick and efficient means of inspection with a convenient grip handle, thumb trigger and spring-loaded spindle. The various models cover a range of applications.

> Extremely high wear-resistant CERA contacts



7326S



7304S

Order No	Range	Graduation	Accuracy	Force	Remarks	List	Promo
7326SCAL	0 - .05"	.0001"	±.0002"	1.4N or less	Fine dial reading, ceramic spindle/anvil	\$269.00	<b>\$242.10</b>
7300SCAL	0 - .5"	.001"	±.001"	1.4N or less	Standard, ceramic spindle/anvil	\$179.00	<b>\$161.10</b>
7304SCAL	0 - 1"	.001"	±.002"	2.0N or less	Standard, ceramic spindle/anvil	\$207.00	<b>\$186.30</b>

### Quick-Mini Thickness Gage



> A compact thickness gage is suited for quick inspection of paper thickness, leather, wires, plastic parts, etc. The digital display provides error-free reading with 0.01mm / .0005" resolution.

> Measuring force less than 2N.

> Notifications for:

- Low battery voltage
- Scale surface contamination



Order No.	Range	Accuracy	Resolution	List	Promo
700-118-30CAL	0 - .5"/0 - 12.7mm	±.001"	.0005" / 0.01mm	\$209.00	<b>\$188.10</b>

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