

Mitutoyo



Mitutoyo Quality

MACHINIST'S PROMOTION

SAVE UP TO 20% on Mechanical Precision Measuring Tools

Effective February 1 – March 31, 2021

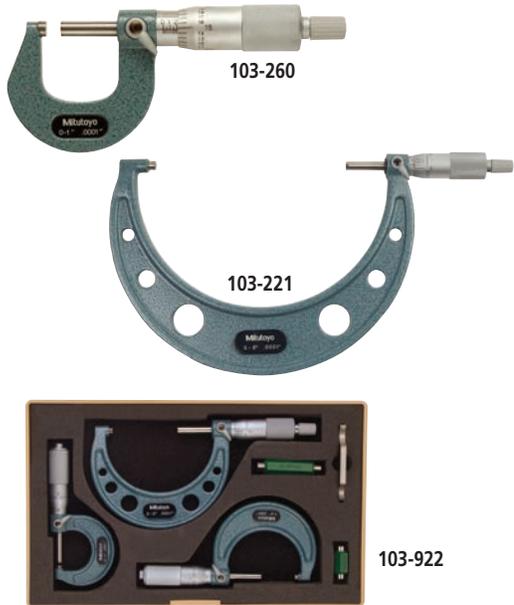
MACHINIST PROMOTION



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Outside Micrometers



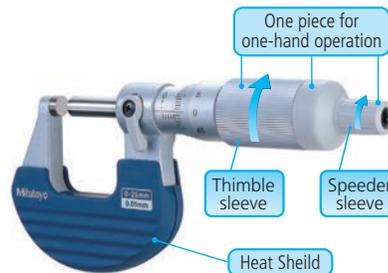
- > Hammertone, baked-enamel-finished frame.
- > With a standard bar except for 0-1" model.
- > Certificate of Inspection provided (0-1", 1-2" models only)

Order No	Range	Graduation	Remarks	List	Promo
103-260*	0-1"	.0001"	Ratchet Stop, Tapered Frame	\$122.00	\$109.80
103-262*	1-2"	.0001"	Ratchet Stop, Tapered Frame	\$142.00	\$127.80
103-132*	1-2"	.0001"	Ratchet Stop	\$126.00	\$113.40
103-217*	2-3"	.0001"	Ratchet Stop	\$159.00	\$143.10
103-218*	3-4"	.0001"	Ratchet Stop	\$182.00	\$163.80
103-219*	4-5"	.0001"	Ratchet Stop	\$198.00	\$178.20
103-220*	5-6"	.0001"	Ratchet Stop	\$219.00	\$197.10
103-221*	6-7"	.0001"	Ratchet Stop	\$248.00	\$223.20
103-222*	7-8"	.0001"	Ratchet Stop	\$262.00	\$235.80
103-223*	8-9"	.0001"	Ratchet Stop	\$290.00	\$261.00
103-224*	9-10"	.0001"	Ratchet Stop	\$301.00	\$270.90
103-225*	10-11"	.0001"	Ratchet Stop	\$315.00	\$283.50
103-226*	11-12"	.0001"	Ratchet Stop	\$329.00	\$296.10
Micrometer Sets					
103-922*	0-3"	3 pcs/set includes: 103-135, 103-136, 103-217, 2pcs. Micrometer Standards		\$444.00	\$399.60

*.0001" reading is obtained with vernier.

Outside Micrometers – Ratchet Thimble

- > Ratchet function works both from the thimble and the speeder, allowing easy one-handed operation.
- > Clearly audible ratchet operation for reassurance that measurement is being performed at constant, preset force.
- > Heat insulating frame minimizes thermal expansion.
- > Provided with a Certificate of Inspection.
- > Includes Standard Bar (except 0-1" models)



Order No	Range	Graduation	Accuracy	List	Promo
102-717*	0 - 1"	.0001"	±.0001"	\$130.00	\$117.00
102-718*	1 - 2"	.0001"	±.0001"	\$160.00	\$144.00

*.0001" reading is obtained with vernier.

Outside Micrometers – Chrome Frame

- > Satin chrome-finished frame, tapered (on the anvil side) for hard-to-reach places.
- > Fraction to decimal conversions laser etched on frame (1-2" models only)

Order No	Range	Graduation	Accuracy	List	Promo
With Ratchet Stop					
101-114*	1-2"	.0001"	±.0001"	\$175.00	\$157.50
101-119*	2-3"	.0001"	±.0001"	\$200.00	\$180.00
101-120*	3-4"	.0001"	±.00015"	\$225.00	\$202.50
With Friction Thimble					
101-118*	1-2"	.0001"	±.0001"	\$175.00	\$157.50

*.0001" reading is obtained with vernier, Standard Included



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Outside Micrometers – Mechanical Counter



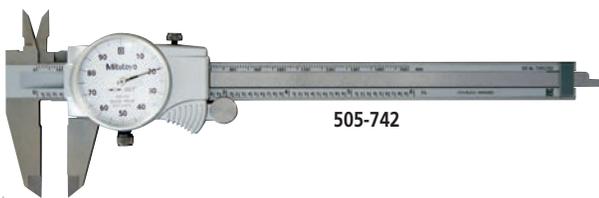
193-211

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

Order No	Range	Graduation	Remarks	List	Promo
193-211	0-1"	.0001"*	Friction Thimble	\$192.00	\$172.80
193-212	1-2"	.0001"*	Friction Thimble w/standard	\$226.00	\$203.40
193-213	2-3"	.0001"*	Ratchet Stop w/standard	\$252.00	\$226.80
193-214	3-4"	.0001"*	Ratchet Stop w/standard	\$279.00	\$251.10

*.0001" reading is obtained with vernier.

Dial Calipers



505-742

- > 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"



505-742-56

Order No.	Range	Remarks	List	Promo
505-742	6" .100"/rev.		\$125.00	\$112.50
505-738	6" .100"/rev.	carbide-tipped jaws	\$213.00	\$191.70
505-740	6" .200"/rev.		\$114.00	\$102.60
505-742-56	6" .100"/rev.	Black dial face	\$125.00	\$112.50
505-743	8" .100"/rev.		\$182.00	\$163.80
505-746	12" .100/rev		\$289.00	\$260.10
505-749	12" .200/rev		\$269.00	\$242.10

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 (where noted)

Order No	Range	Graduation	Accuracy	Force	Remarks	List	Promo
7326S	0 - .05"	.0001"	±.0002"	1.4N or less	Fine dial reading, ceramic spindle/anvil	\$227.00	\$181.60
7300S	0 - .5"	.001"	±.001"	1.4N or less	Standard, ceramic spindle/anvil	\$137.00	\$109.60
7304S	0 - 1"	.001"	±.002"	2.0N or less	Standard, ceramic spindle/anvil	\$165.00	\$132.00
7322S	0 - 1"	.001"	±.002"	2.0N or less	Deep throat, ceramic spindle/anvil	\$194.00	\$155.20
7312S	0 - .5"	.001"	±.001"	1.4N or less	Lens thickness, reversible anvil	\$165.00	\$132.00
7361S	0 - .5"	.001"	±.001"	1.4N or less	Tube thickness, perpendicular anvil	\$166.00	\$132.80
7316S	0 - .5"	.001"	±.001"	1.4N or less	Groove thickness, blade spindle/anvil	\$204.00	\$163.20

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7326S



7322S



7312S



7316S

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Dial Test Indicators



Standard



Standard
(20° Tilted face)



Vertical



Contact point length is printed on dial face to avoid accuracy issues

- > One piece movement for high-impact resistance and durability
- > Includes NIST-traceable Certificate of inspection - bidirectional

Set Configuration

Full set



T set

Basic set



E, A set

Part #	Range	Graduations	Body	Set Type	Face Color	List	Promo
513-402-10E	.03"	.0005"	Standard	Basic	White	\$134.00	\$120.60
513-402-10T	.03"	.0005"	Standard	Full	White	\$159.00	\$143.10
513-403-10E	.008"	.0001"	Standard	Basic	White	\$174.00	\$156.60
513-403-10T	.008"	.0001"	Standard	Full	White	\$204.00	\$183.60
513-412-10E	.03"	.0005"	Standard	Basic	White	\$192.00	\$172.80
513-412-10T	.03"	.0005"	Standard	Full	White	\$221.00	\$198.90
Ruby Tip							
513-472-10E	.03"	.0005"	Standard 20°	Basic	White	\$149.00	\$134.10
513-442-10A	.06"	.0005"	Standard 20°	Basic	White	\$181.00	\$162.90
513-442-10T	.06"	.0005"	Standard 20°	Full	White	\$205.00	\$184.50
513-443-10A	.016"	.0001"	Standard 20°	Basic	White	\$228.00	\$205.20
513-443-10T	.016"	.0001"	Standard 20°	Full	White	\$259.00	\$233.10
513-452-10E	.03"	.0005"	Vertical	Basic	White	\$174.00	\$156.60
513-452-10T	.03"	.0005"	Vertical	full	White	\$192.00	\$172.80

Series Two Dial Indicators

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

Order No	Graduation	Range	Range/Rev	Type	Dial Reading	Accuracy First 2.5 Rev/Overall	Force	List	Promo
2358S-10*	.0001"	.5"	.01"	w/lug	0-10	.0001 / .0008"	2.0N or less	\$227.00	\$204.30
2803S-10*	.0001"	.025"	.01"	w/lug	0-5-0	.0001 / .0001"	2.5N or less	\$165.00	\$148.50
2416S	.001"	1"	.1"	w/lug	0-100	.001 / .002"	1.8N or less	\$123.00	\$110.70
2416S-10*	.001"	1"	.1"	w/lug	0-100	.001 / .002"	1.8N or less	\$145.00	\$130.50
2424S-19	.001"	2"	1"	w/lug	0-100	.001 / .003"	2.5N or less	\$227.00	\$204.30
2776S	.0005"	1"	.05"	w/lug	0-50	.0005 / .002"	2.5N or less	\$146.00	\$131.40

* Jeweled bearing type



2416S

Magnetic Stands

Mitutoyo Magnetic Stands accept all AGD-type dial indicators, test indicators and probes having .375", 6mm or 8mm diameter shanks and/or lug back with 1/4" diameter mounting hole. The On/Off switch offers instant mounting and dismounting without any adverse effect to the indicators or work surface. 132 lbf of magnetic force for stability.

Order No	Description	List	Promo
7010S	Magnetic Stand w/6" Rod & Universal Clamp	\$135.00	\$121.50
7011BN	Magnetic Stand w/6" Adjustable Rod & Universal Clamp	\$153.00	\$137.70
7033B	Universal Magnetic Stand	\$200.00	\$180.00



7010S



7011BN



7033B

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Bore Gages

- > Carbide-tipped contact points for durability.
- > The dial indicator is fully protected by a rugged cover.
- > Optional extension rods can be attached for measuring deep holes.



Optional Accessories

- 953549:** 125mm / 4.92" Extension rod for 18-35mm / .7 - 1.4" models
- 953552:** 125mm / 4.92" Extension rod for 35-160mm / 1.4 - 6.5" models
- 953557:** 125mm / 4.92" Extension rod for 160-400mm / 6.5 - 16" models
- 953550:** 250mm / 9.84" Extension rod for 18-35mm / .7 - 1.4" models
- 953553:** 250mm / 9.84" Extension rod for 35-160mm / 1.4 - 6.5" models
- 952361:** 250mm / 9.84" Extension rod for 160-400mm / 6.5 - 16" models
- 953551:** 500mm / 19.69" Extension rod for 18-35mm / .7 - 1.4" models
- 953554:** 500mm / 19.69" Extension rod for 35-160mm / 1.4 - 6.5" models
- 953558:** 500mm / 19.69" Extension rod for 160-400mm / 6.5 - 16" models
- 953555:** 750mm / 29.53" Extension rod for 35-160mm / 1.4 - 6.5" models
- 953559:** 750mm / 29.53" Extension rod for 160-400mm / 6.5 - 16" models
- 953556:** 1000mm / 39.37" Extension rod for 35-160mm / 1.4 - 6.5" models
- 953560:** 1000mm / 39.37" Extension rod for 160-400mm / 6.5 - 16" models

Order No	Range	Graduation (Indicator)	Anvils	Spacers	List	Promo
511-751	.7 - 1.4"	.0001" (2923SB-10)	9	2	\$423.00	\$380.70
511-752	1.4 - 2.5"		6	4	\$413.00	\$371.70
511-753	2.0 - 6.0"		11 (2" sub anvil)	4	\$451.00	\$405.90
511-754	4.0 - 6.5"		13	4	\$596.00	\$536.40
511-755	6.5 - 10"		6	7	\$672.00	\$604.80
511-756	10 - 16"		5 (3" sub anvil)	7	\$799.00	\$719.10



511-751

Holtest (Type II)

- > The Holtests (type II) have three contact points made of alloy steel.
- > Measurement can be taken closer to the bottom of the blind bore (up to 100mm / 4" models).
- > Measure deep holes using an extension rod (optional).
- > With Ratchet Stop for constant force.
- > Setting rings for origin point settings are optional.
- > Graduations: .0002"

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368-869



Order No.	Range	Accuracy	List	Promo
368-864	.5 - .65"	±.0001"	\$547.00	\$437.60
368-865	.65 - .8"	±.0001"	\$547.00	\$437.60
368-866	.8 - 1"	±.00015"	\$584.00	\$467.20
368-867	1 - 1.2"	±.00015"	\$584.00	\$467.20
368-868	1.2 - 1.6"	±.00015"	\$742.00	\$593.60
368-869	1.6 - 2"	±.00015"	\$777.00	\$621.60
368-870	2 - 2.5"	±.00015"	\$778.00	\$622.40
368-871	2.5 - 3"	±.00015"	\$849.00	\$679.20
368-872	3 - 3.5"	±.00015"	\$889.00	\$711.20
368-873	3.5 - 4"	±.00015"	\$893.00	\$714.40
368-874	4 - 5"	±.00025"	\$1,160.00	\$928.00
368-875	5 - 6"	±.00025"	\$1,200.00	\$960.00
368-876	6 - 7"	±.00025"	\$1,360.00	\$1,088.00
368-877	7 - 8"	±.00025"	\$1,490.00	\$1,192.00
368-878	8 - 9"	±.00025"	\$1,510.00	\$1,208.00
368-879	9 - 10"	±.00025"	\$1,600.00	\$1,280.00

Dial Height Gages

Double-column structure ensures high measuring accuracy. Coarse/fine feed switching. Carbide-tipped scriber.

- > Easy and error-free reading with both up and down digital counters as well as a dial.
- > Provided with a feed wheel for easy coarse feeding.
- > Carbide-tipped scriber is provided.
- > The counters and dial can be re-zeroed at any scriber position.
- > Fits comfortably in the hand and moves easily on the surface plate.

**SAVE
20%**



Easy and error-free reading



192-150

Order No.	Range	Graduation	List	Promo
192-150	0-12"	.001"	\$1,040.00	\$832.00
192-151	0-18"	.001"	\$1,440.00	\$1,152.00
192-152	0 - 24"	.001"	\$1,870.00	\$1,496.00

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