

Mitutoyo

PRECISION TOOL SALE

WINTER 2019



Effective January 2nd - March 29th 2018 while quantities last.
Some items may not be exactly as shown.



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Distributed By:

2 Micrometers

DIGIMATIC MICROMETERS



Features:

- A non-slip surface with raised dots is employed for the frame cover and surface panel to achieve stable handheld measurement.
- Supplied in fitted plastic case
- With ratchet stop

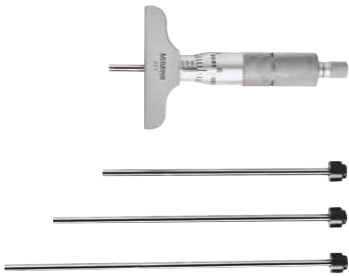
Resolution	Range	Order No.	Promo	Calibration
.00005"/0.001mm	0-1"/0-25.4mm	293-340-30*	\$204.25	\$39.00
.00005"/0.001mm	1"-2"/25.4-50.8mm	293-341-30*	\$275.50	\$39.00
.00005"/0.001mm	2"-3"/50.8"-76.2mm	293-342-30*	\$324.76	\$39.00

* Without SPC

DEPTH MICROMETER

Features:

- $\varnothing 4$ mm interchangeable rods, with the lapped measuring end, provides a wide measuring range.
- With ratchet stop for constant force
- Supplied in fitted plastic case



Base-size	Range	Order No.	Promo	Calibration
2.5" x .63"	0-4"	129-127	\$193.20	\$114.00

MICROMETER STANDARD

Features:

- Flat and lapped measuring faces
- heat insulating handles



Length	Diameter	Order No.	Promo	Calibration
1"	.25"	167-141	\$23.00	\$25.00

ANVIL SPINDLE TIP

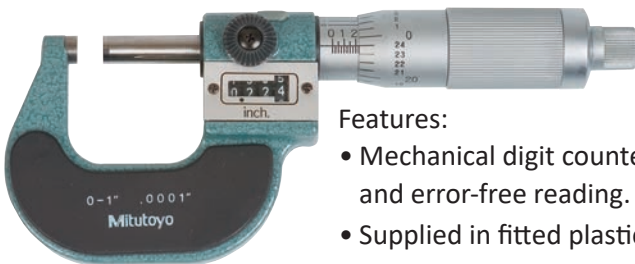
Features:

- Metric Screw, Unified screw (60°)



Thread per inch	Pitch (mm)	Order No.	Promo
24-14 (M3)	1-1.75 mm	126-803	\$73.60

DIGITAL OUTSIDE MICROMETER



Features:

- Mechanical digit counter for quick and error-free reading.
- Supplied in fitted plastic case

Graduation	Range	Order No.	Promo	Calibration
.0001"	0-1'	193-211*	\$192.85	\$39.00

* .0001" Reading is obtained with vernier

INTERCHANGEABLE ANVIL

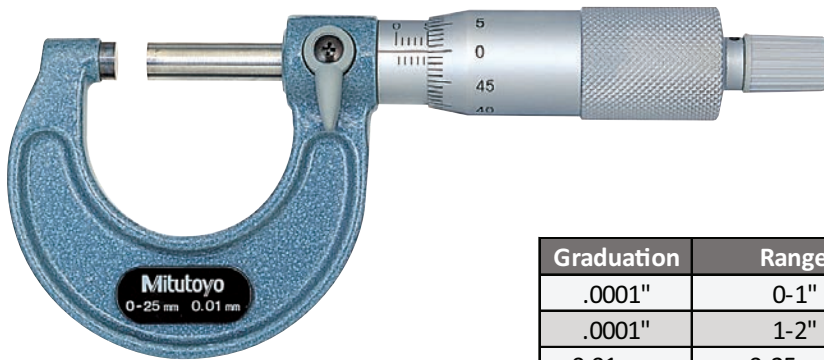
Features:

- Wide measuring range with interchangeable anvils
- With ratchet stop
- Supplied with zero-setting standards bar.



Graduation	Range	Order No.	Promo	Calibration
.001"	0-6"	104-137	\$495.26	\$239.00

MECHANICAL MICROMETERS



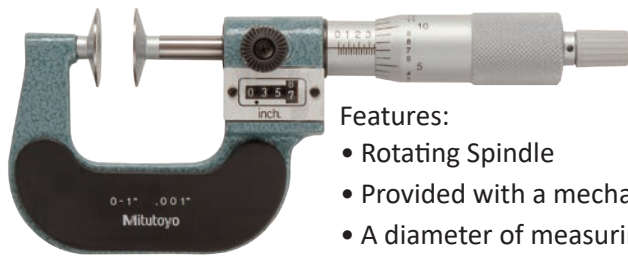
Features:

- Hammerstone, baked-enamel-finished frame
- Ratchet stop or friction thimble for exact repetitive readings.
- With Standard bar

Graduation	Range	Order No.	Promo	Calibration
.0001"	0-1"	103-135*	\$121.60	\$39.00
.0001"	1-2"	103-136*	\$138.92	\$39.00
0.01mm	0-25mm	103-137	\$110.20	\$39.00
0.01mm	25-50mm	103-138	\$128.80	\$39.00

*.0001" Reading is obtained with vernier

DISC MICROMETER



Features:

- Rotating Spindle
- Provided with a mechanical digit counter
- A diameter of measuring disk .787"/20mm
- With ratchet stop for constant force
- Supplied in fitted plastic case

Graduation	Range	Order No.	Promo	Calibration
.001"	0-1"	223-125	\$346.84	\$39.00

ABSOLUTE™

Did you know? The ABS (absolute) scale requires no origin setting after power-on and also has no limit to response speed. This means the zero position can be set, or reset with the origin switch at any time.

MAGNETIC STAND

Features:

- Mitutoyo's Magnetic Stands accept all Dial Indicators and Dial Test Indicators.
- The off/on switch offers instant mounting without any adverse effects to the Indicator or workpiece surface.



Description	Order No.	Promo
Magnetic Stand	7010S-10	\$103.55
Universal Magnetic Stand	7032B*	\$215.28

* 7032B with mechanical locking system and dovetail groove

HEIGHT GAUGE

Features:

- Switchable resolution
- Easy-to-use standard type
- Carbide-tipped scribe is provided.
- The double-column structure ensures high measuring accuracy.
- Coarse/fine feed switching
- Two preset reference heights



Resolution	Range	Order No.	Promo	Calibration
.0005" (0.01mm)	0-12"/0-300mm	192-630-10	\$1,367.12	\$114.00
[.0002" (0.005mm) Switchable]				



4 Indicators

DIGIMATIC ID-C

Features:

- With Max/Min Value Holding Function
- Features both a Key Lock and Parameter Lock to prevent accidental changing of settings during operation.
- The analog bar for easy-to-read values when scanning for Max. Min and TIR values.
- Go/no-go judgement is performed by setting the upper and lower tolerances of Max., min. and runout values.

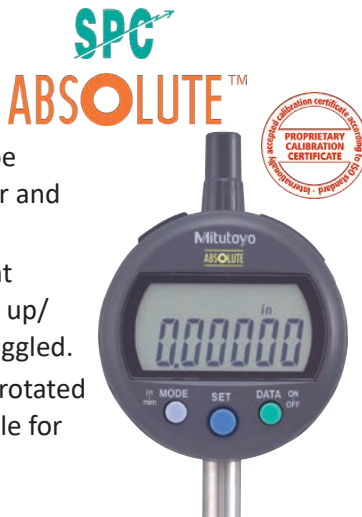


Resolution	Range	Order No.	Promo	Calibration
.00005"/.0001"/.0005" 0.001mm/0.01mm selectable	.5"/12.7mm	543-302B	\$491.28	\$39.00

DIGIMATIC ID-C

Features:

- Large, easy to read LCD
- Go/no-go judgement can be performed by setting upper and lower tolerance limits.
- The positive/negative count resulting from the spindles up/down movement can be toggled.
- ID-C indicator face can be rotated 330° to an appropriate angle for easy reading.



Resolution	Range	Order No.	Promo	Calibration
.00005"/0.001mm	.5"/12.7mm	543-392	\$484.50	\$39.00

DIGIMATIC ID-U

Features:

- Large LCD and simple key operation
- The origin is remembered even after power-off
- Flat back type only



Resolution	Range	Order No.	Promo	Calibration
.0005"/0.01mm	1"/25.4mm	575-123	\$222.30	\$39.00

DIGIMATIC ID-S

Features:

- A simple design
- With flat back
- After the initial zero-setting with the Origin button, the repeated absolute positioning is no longer necessary over entire battery life.
- Unlimited response speed eliminates over speed errors



Resolution	Range	Order No.	Promo	Calibration
.00005"/0.001mm	.5"/12.7mm	543-792B	\$303.60	\$39.00

DIGIMATIC ID-F

Features:

- Go/no-go judgement can be performed by setting upper and lower tolerance limits.
- With back-lit LCD



Resolution	Range	Order No.	Promo	Calibration
.00005"/.0001"/.0005", .001" 0.001mm/0.01mm selectable	2"/50.8mm	543-558A	\$853.76	\$39.00

DIAL STANDARD INDICATORS

Features:

- Unique shock-proof mechanism
- The crystal is hard coated and scratch resistance
- Approximately 40% lighter than a conventional dial indicator
- Spindle bushing offset from the stem
- With lug back



Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.0005"	1"	0-50	2776S	\$137.75	\$39.00
.001"	1"	0-100	2416S-10	\$134.90	\$39.00
.001"	2"	0-100	2424S-19	\$241.30	\$39.00

* Stock Proof & Jeweled bearing type #2424S-19

DIAL COMPACT



Features:

- With lug back

Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.001"	.25"	0-100	1410S	\$114.00	\$39.00
.001"	.25"	0-50-0	1411S	\$114.08	\$39.00

DIAL TEST SET

Features:

- Includes dial test indicator and mini magnetic stand (inch model).
- Dial test indicator is anti-magnetic and jewelled bearing type.



Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.0001"	.008"	0-4-0	513-907-10E	\$237.36	\$39.00

DIAL TEST HORIZONTAL



Features:

- Horizontal series
- Anti-magnetic and jewelled bearing type

Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.0005"	.06"	0-15-0	513-442-10A	\$194.12	\$39.00

DIAL TEST INDICATORS

Features:

- Measures narrow/recessed areas and inside/outside diameters that dial indicators cannot access.
- No-clutch structure for automatic reversal of measurement direction
- One-piece bezel & crystal design
- Standard carbide contact point provide
- All anti-magnetic



Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.0005"	.03"	0-15-0	513-412-10T	\$245.10	\$39.00
.0005"/0.01mm	.03", 0.7mm	0-15-0, 0-35-0	513-406-10T	\$187.68	\$39.00

POCKET DIAL

Features:

- Jewelled bearing
- Reversible measuring direction
- Fully adjustable bezel/dial face



Graduation	Range	Dial Reading	Order No.	Promo	Calibration
.001"	.04"	0-20-0	513-518T	\$167.20	\$39.00



6 Calipers

DIGIMATIC ENCODER TECHNOLOGY CALIPER

Features:

- Next generation of electronic calipers
- Electronic calipers keep track of origin point once it is set.
- Large and clear LCD Readout
- Supplied in fitted plastic case



Resolution	Range	Order No.	Promo	Calibration
.0005"/0.01mm	0-8"/0-200mm	500-172-30	\$276.45	\$51.00
.0005"/0.01mm	0-12"/0-300mm	500-173	\$530.10	\$64.00
.0005"/0.01mm	0-4"/0-100mm	500-195-30*	\$165.30	\$39.00
.0005"/0.01mm	0-6"/0-150mm	500-196-30*	\$178.60	\$39.00
.0005"/0.01mm	0-18"/0-450mm	500-505-10	\$904.36	\$89.00
.0005"/0.01mm	0-24"/0-600mm	500-506-10	\$1,032.65	\$114.00

* without SPC input



DIGIMATIC NECK CALIPER

Features:

- Point-jaw type can measure wall thickness and recesses.
- Supplied in fitted plastic case



Resolution	Range	Order No.	Promo	Calibration
.0005"/0.01mm	0-6"/0-150mm	573-752-20*	\$885.04	\$39.00

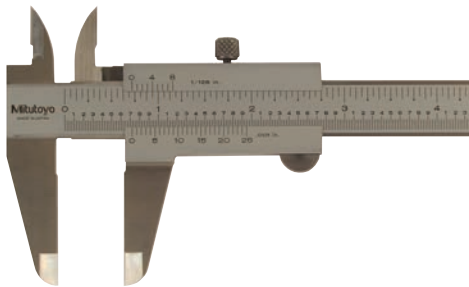
* point jaw type



MECHANICAL VERNIER CALIPER

Features:

- Measures OD, ID depth, and steps
- Lock screw for holding the sliding jaw position
- Supplied in a vinyl holster in a fitted carton



Graduation	Range	Order No.	Promo	Calibration
.001" Lower Scale	0-6"	530-105	\$94.05	\$39.00
1/125" Upper Scale				

DIGIMATIC DEPTH GAUGE

Features:

- Keeps track of the origin point, once set, for the entire life of the battery.
- Base and measuring faces are hardened and micro-lapped.



Resolution	Range	Order No.	Promo	Calibration
.0005"/0.01mm	0-6"/0-150mm	571-211-30	\$438.84	\$51.00
.0005"/0.01mm	0-8"/0-200mm	571-212-30	\$470.12	\$64.00



GRANITE SURFACE PLATES

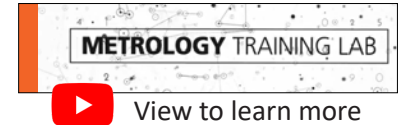
Size	Height	Weight (lbs)	Grade	Order No.	Promo
24x36"	6"	600	AA Laboratory	517-708	\$1,322.96
36x48"	8"	1500		517-714	\$2,700.20
9x12"	3"	40	A Inspection	517-801	\$179.40
12x12"	3"	50		517-802	\$220.80
12x18"	4"	100		517-803	\$282.44
18x24"	4"	200		517-805	\$551.08
24x36"	5"	500		517-808	\$1,048.80
36x48"	6"	1200		517-814	\$2,205.24
48x72"	10"	3800		517-819	\$5,474.00

Features:

- Natural granite - free from dimensional change
- Superior to cast iron plates
- Free from wringing, burrs or protrusions
- High degree of flatness for longevity
- Meets & exceeds GGG-P-463c
- Each shipped with certification of accuracy

SURFACE PLATES STANDS

Size	Specification	Order No.	Price
12x18"	Stationary	517-950	\$1,093.00
12x18"	With Caster	517-950-1	\$1,171.00
18x24"	Stationary	517-952	\$1,203.00
18x24"	With Caster	517-952-1	\$1,503.00
24x36"	Stationary	517-956	\$1,467.00
24x36"	With Caster	517-956-1	\$1,613.00
36x48"	Stationary	517-964	\$1,558.00
36x48"	With Caster	517-964-1	\$1,858.00
48x72"	Stationary	517-969	\$1,818.00
48x72"	With Caster	517-969-1	\$2,425.00



DIGITAL PROTRACTOR



Features:

- Full 360° range (90° x 4)
- Machine aluminum frame
- Alternate reference (zero)
- Reading hold
- Simple calibration requiring no special fixtures
- RS232C output
- Supplied in fitted case

Resolution	Range	Order No.	Promo	Calibration
0.01° (0° to 9.99°)	360° (90°x4)	950-318	\$546.25	*inquire
0.1° (10° to 90°)				

CENTER FINDERS

Features:

- Center Finders are hardened and ground on all surfaces.



Shank (DIA)	Tip (DIA)	Order No.	Promo
1/2" (.50")	.20"	050104	\$23.75

Features:

- Clear graduation on stain-chrome finish
- Stainless tempered

STEEL RULE WIDE



Graduation	Size	Width	Order No.	Promo	Calibration
1/8 1/16 1/32 1/64th	12" (4R)	1"	182-121	\$36.10	\$101.00
1/32 1/64 1mm 0.5mm	12"x 300mm	1"	182-125	\$36.10	\$101.00

STEEL RULE SEMI-FLEXIBLE

Features:

- Engraves on frontside only



Graduation	Size	Width	Order No.	Promo	Calibration
1/2mm 1mm 1/32 1/64 1/16th	6"x 150mm	5/8"	182-302	\$19.32	\$51.00

STEEL RULE FLEXIBLE WIDE

Features:

- Clear graduation on stain-chrome finish
- Stainless tempered



Graduation	Size	Width	Order No.	Promo	Calibration
1/50 1/100 1mm 0.5mm	6" x 150mm	1/2"	182-206	\$16.15	\$51.00
1/10 1/100 1mm 0.5mm	6" x 150mm	1/2"	182-207	\$16.15	\$51.00
1/50 1/100 1mm 0.5mm	12" x 300mm	1/2"	182-226	\$44.65	\$101.00
1mm 0.5mm 1mm 0.5mm	300mm	12mm	182-231	\$30.36	\$101.00



8 Other Gauges

RADIUS GAUGE SET

Features:

- The holding cases, provided to protect the sets of radius gauges, have indexed pockets to facilitate the selection of the proper size gauge.
- Recommended for checking or laying out concave or convex radii.
- Radius gauges are available separately or in a set of six.



Number of leaves	Size	Order No	Promo	Calibration
25 Leaves	1/64" - 17/64" by 64ths & 9/32"-1/2" by 32nds	186-901	\$145.35	*Inquire

TELESCOPING GAUGE

Features:

- Spring loaded plunger expands within the bore, allowing determination of the internal diameter.



Range	Order No.	Promo
1.25"-2.125"	155-124	\$38.64

TELESCOPING GAUGE SET

Features:

- Spring loaded plunger expands within the bore, allowing determination of the internal diameter.
- Supplied in a fitted pouch



Total Range	Includes	Order No.	Promo
.315-2.125" (4 gauge set)	155-121, 155-122, 155-123, 155-124	155-907	\$133.40

RADIUS GAUGE

Features:

- Both concave and convex radius gauges become a pair.
- With a locked clamp



Composition of leaves	Range	Order No	Promo	Calibration
34 Pairs 1-3mm by 0.25mm 3.5 by 7mm by 0.5mm	1-7mm	186-105	\$52.44	*Inquire

PITCH GAUGE

Features:

- Metric and Unified Screw Pitch Gauge set (60°)
- Radius size is stamped on each gauge.



Composition of leaves	Range	Order No	Promo	Calibration
51 leaves: set of 188-122 & 188-111	0.4-7mm/4-42 TPI	188-151	\$69.35	*Inquire

BORE GAUGE

Features:

- Carbide-tipped contact points for durability.
- A rugged cover fully protects the dial indicator.
- Optional extension rods can be attached for measuring deep holes.
- With 2923SB-10



Graduation	Range	Order No.	Promo	Calibration
.0001"*	.7-1.4"	511-751*	\$388.24	\$89.00
.0001"*	1.4-2.5"	511-752*	\$442.52	\$89.00

* With 2923SB-10 which obtains a graduation of .0001"

BUILD YOUR OWN DIGITAL READOUT PACKAGE

**SAVE 5% WITH A
MINIMUM PURCHASE**

With Minimum Purchase	Description	Code	Without Min. Purchase	With Min. Purchase
One AT715 Linear Scale	KA- Counter (2-axis)	174-183A	\$734.00	\$697.30
One KA-200 Counter (2 or 3 axis)	KA- Counter (3-axis)	174-185A	\$1,080.00	\$1,026.00
	1 pc. Linear Scale	Your choice	Please review the table below for pricing	

Effective Range	Order No.	Without Min. Purchase	With Min Purchase
4" / 100mm	539-801	\$370.00	\$351.50
6" / 150mm	539-802	\$370.00	\$351.50
8" / 200mm	539-803	\$374.00	\$355.30
10" / 250mm	539-804	\$374.00	\$355.30
12" / 300mm	539-805	\$374.00	\$355.30
14" / 350mm	539-806	\$378.00	\$359.10
16" / 400mm	539-807	\$383.00	\$363.85
18" / 450mm	539-808	\$390.00	\$370.50
20" / 500mm	539-809	\$394.00	\$374.30
24" / 600mm	539-811	\$401.00	\$380.95
28" / 700mm	539-813	\$409.00	\$388.55
30" / 750mm	539-814	\$415.00	\$394.25
32" / 800mm	539-815	\$418.00	\$397.10
36" / 900mm	539-816	\$456.00	\$433.20
40" / 1000mm	539-817	\$474.00	\$450.30
44" / 1100mm	539-818	\$538.00	\$511.10
48" / 1200mm	539-819	\$603.00	\$572.85
52" / 1300mm	539-820	\$669.00	\$635.55
56" / 1400mm	539-821	\$731.00	\$694.45
60" / 1500mm	539-822	\$811.00	\$770.45
64" / 1600mm	539-823	\$909.00	\$863.55
68" / 1700mm	539-824	\$1,004.00	\$953.80
72" / 1800mm	539-825	\$1,100.00	\$1,045.00
80" / 2000mm	539-860	\$1,675.00	\$1,591.25
88" / 2200mm	539-861	\$1,788.00	\$1,698.60
96" / 2400mm	539-862	\$2,150.00	\$2,042.50
100" / 2500mm	539-863	\$2,200.00	\$2,090.00
104" / 2600mm	539-864	\$2,250.00	\$2,137.50
112" / 2800mm	539-865	\$2,400.00	\$2,280.00
120" / 3000mm	539-866	\$2,675.00	\$2,541.25

KA-200 DIGITAL COUNTER

Features:

- Excellent addition to manual machine retrofit packages.
- Many high-end functions packed into this standard counter
- The large LED display is sharp and bright. Easy to see at a distance
- The positive touch front panel keys are solid and easy to push with fast response.
- The sub display lets you know what function you are currently using.



Features Included with purchase of AT715
Coolant Proof Linear Scale

ABSOLUTE™ IP67



We're so confident in the exceptional performance of our AT-715 Series Coolant Proof Linear Scales that we offer a full 5 Year Warranty!

BRACKETS

	Description	Order No.	Price
Milling System	Universal bracket kit (12")	64AAB196	\$267.00
	Universal bracket kit (14-16")	64AAB197	\$275.00
	Universal bracket kit	64AAB198	\$297.00
	Screw Kit	64AAB199	\$58.00
Lathes	Bracket Kit	64AAB191	\$324.00
Grinders	Scale Y axis	64AAB194	\$451.00
All Systems	Machine arm kit (KA Counter)	64AAB200	\$226.00

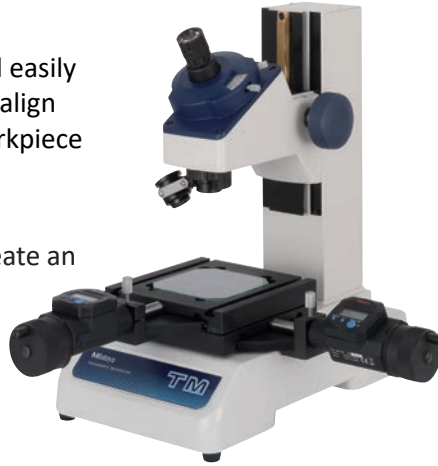


10 Toolmakers Microscopes

TM-505B & TM-1005B

Features:

- Angle measurement is performed easily by turning the angle scale disc to align the cross-hair reticle with the workpiece image.
- Newly designed LED illuminators
- Included standard accessories create an overall magnification of 30X.



DIGIMATIC MICROMETER HEAD

- >The display can be rotated up to 330° for easy reading in any position
- >Non-rotating spindle imparts no torque on the workpiece
- >Range: 0-2"/0-50.8mm
- >Graduation: .00005"/0.001mm



Order No.	Price	Calibration
164-164	\$1,103.00	\$76.00

Order No.	176-820A	176-818A	176-821A	176-819A	
Objective lens	Standard accessory: 2X, Options: 5X, 10X				
Microscope head	Maximum height of workpiece	4.53"/115mm	4.21"/107mm		
Illumination unit	Transmission illumination	Stepless bright adjustment, white LED light source, with green filter			
	Surface illumination	Oblique single-source type, Stepless brightness adjustment, White LED light source			
Cross-travel stage	Measuring range	2" X 2" / 50 X 50mm	4" X 2" / 100 X 50mm (Optional 2"/50mm gauge block is required to cover full range. A CERA block is recommended.)		
	Table size	6" X 6" / 152 X 152mm	9.44" X 6" / 240 X 152mm		
	Usable area of the stage glass	3.8" X 3.8" / 96 X 96mm	6" X 3.8" / 152 X 96mm		
Linear Measurement Method	Micrometer heads included		Micrometer heads optional		
Resolution	.00005"/1µm		N/A		
Micrometer head travel range	2"/50mm		N/A		
	Save 15%	\$5,939.80	\$4,027.30	\$7,746.05	\$5,833.55
	Regular List	\$6,988.00	\$4,738.00	\$9,113.00	\$6,863.00

OPTIONAL IMAGING ACCESSORY

MOTICAM 1080 mounts on microscope eyepiece and supplies a digital image to your PC or MAC (USB), a live image to your video monitor (HDMI), or a downloadable image to your computer (SD Card). Both types of images can be transmitted simultaneously if desired. Supplied software, Motic Images 2.0, permits manipulation, labelling, measuring, printing, storing, and e-mailing of images.



Description	Order No.	Price
MOTICAM 1080, 2.0 MEGAPIXEL-1/2.8" CMOS, USB/HDMI	64AAB526	\$1,700.00

EVENTS

Mentorship Workshop - March TBA

Hosted by Mitutoyo Canada

For more information about Events, Free Workshops and Seminars, please follow the QR Code, for further details please contact us directly at MarketingDepartment@mitutoyo.ca



i-Checker

Mitutoyo's i-Checker is specially designed to calibrate dial indicators, dial test indicators, and other electronic comparison gauge heads with a stroke of up to 100mm (4"). Adjustment of the measurement position is easily accomplished due to semi-automatic measurement and fully automatic measurement functions.

Creates and prints out a simple inspection certificate, and inspection results can be saved as a CSV file for analysis by software.

*PC is required, must be purchased separately.

PACKAGE INCLUDES:

- i-Checker with calibration certificate
- i-Pak V2.1 Inspection Software
- Power Cord 120V AC Series-810

Description	Order No.
I-CHECKER	170-403
i-Pak V2.1	02NJA004B
Power Cord 120V AC Series-810	02ZAA010

PROMO PRICE
\$16,988

Regular price
\$18,916



Contour Measuring Instruments CV-3200

The CV-3200 has dramatically increased drive speed (X-axis: 80mm/s, Z2 axis: 20mm/s) to further reduce total measurement time. A newly designed straight arm reduces interference on the workpiece and expands the measurement range in height. Mitutoyo has adopted highly rigid ceramic guides to maintain the traverse linearity specification for an extended period of time.

PACKAGE INCLUDES:

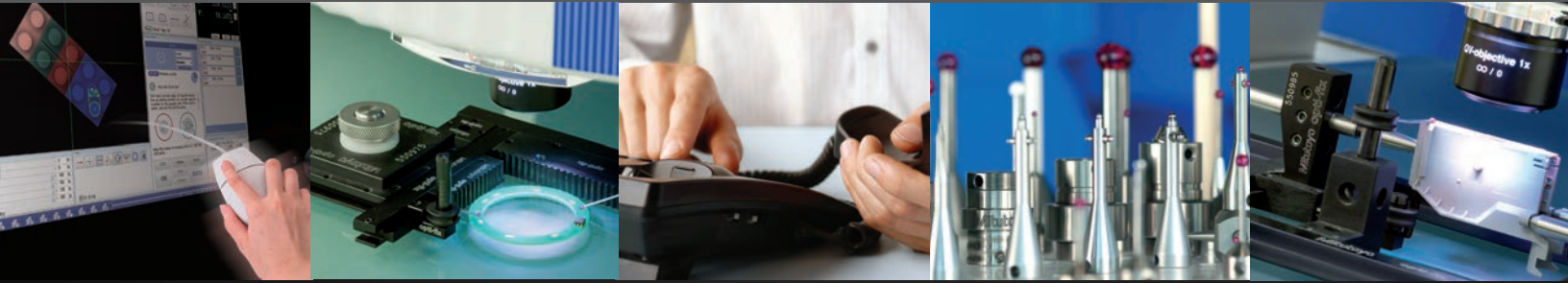
- CV-3200H4 or CV-3200H8
- Computer Package
- USB Printer Cable (6ft)
- USB Power Back-up Unit
- Formtracpak V5.6
- Microstage 4X2"/.001" Contracer
- **FREE of charge Cross Travel Table VALUED AT \$3,925 USD!**

STARTING AT \$36,713.00 USD



QV ACTIVE CNC VISION MEASURING SYSTEM

COMBINES HIGH QUALITY ZOOM LENS WITH SPEED OF HI-DEF CAMERA



Quick Vision Active is highly efficient and flexible, offering a wide view field with an interchangeable objective zoom lens. Low Cost of Ownership through Included Agreement.

QV ACTIVE CNC 202 & 404

INCLUDED HARDWARE

- QV Active 202 (X)10"x(Y)8"x (Z)6" OR QV Active 404 (X)16"x(Y)16"x(Z)6"
- Machine stand
- Computer Package
- 1.5 X Objective Lens

INCLUDED AGREEMENTS

- 2 Year Mitutoyo Factory Warranty (machine only)
- Installation, Calibration & Training
*Travel expenses maybe applicable in Western Canada
- Lifetime Software Phone Support
- 3 year PC Warranty - Dell

INCLUDED SOFTWARE

- QVPak Software



PROMO STARTING AT \$38,000.00 USD

Regular List price - Starting at \$46,000.00 USD



Learn more about the QV
Active Series

Mitutoyo

We reserve the right to change prices and specifications without notice.
Not valid with any other offer or promotion. This promotion is for Canadian market only.
Request formal quotation for complete details.