1SOURCE METROLOGY

Powered by Innovation and Precision

TOOL-A-THON

Volume 23.1

Valid January 1st - June 30th, 2023

Eclipse Measurement continues to introduce innovations in inspection and measurement with new highly engineered systems designed to increase accuracy, decrease measurement time, and automate record keeping.

We offer solutions for all your measurement challenges. Call us today with your measurement needs, 1-800-260-2124.

www.bowersgroup.co.uk/ca

Sylvac SCAN S25T

Fast, Accurate, Reliable & Repeatable!

Features:
- Ideal for small cylindrical parts
- Measuring range: 1.02"/26mm Diameter, 7.87"/200mm Length
- High resolution and high accuracy
- One-click rapid measuring
- 30° tilting optics for complete thread measurements

Part No. 54-902-025-5

Sylvac SCAN F60T

For Larger Parts!

Features:
- Complete 2D part scan in less than 3 seconds
- Measuring range: 2.3"/60mm diameter, 12"/300mm length
- Reduce inspection time & scrap, Increase productivity
- High resolution and high accuracy
- One-click rapid measuring
- 30° tilting optics for complete thread measurements

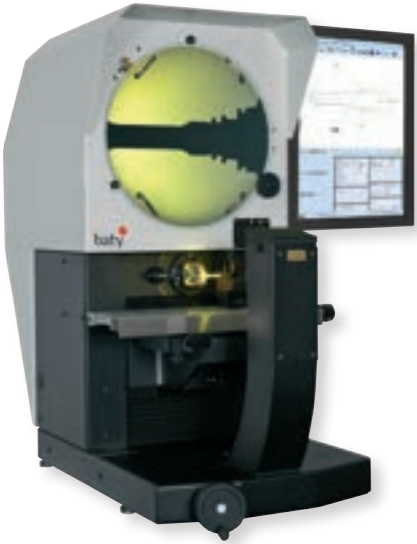
Part No. 54-902-406-5

Baty Venture 3030 XT Multi-Sensor Vision System

Features:
- 11.8"/300mm x 11.8"/300mm x 7.8"/200mm XYZ stage
- Teach and repeat programming with Fowler FUSION
- 6.5:1 zoom optics (with optional CNC control)
- High resolution 0.5µm scales for increased accuracy

Part No. VI-3030-Touch-XT

Prices & Specifications are subject to change without notice.



Baty R400FT2-E Optical Comparator

Features:
- 16"/400mm screen
- Optical Edge Sensor combined with Fowler FUSION software makes for the most functional, user-friendly comparator on the market
- Additional accessories available

Part No. R400FT2-E

zCAT Portable CMM

Features:
- Compact for use at the machine center
- Easy to use FUSION Software
- Completely portable, only 30 lbs.
- High accuracy
- Ethernet communication (Bluetooth optional)

Part No. 54-950-001-0

Horizontal Setting and Calibration

Setting of measuring equipment with variable dimensions.

Trimos THV Horizontal

Features:
- For the calibration of rings, plugs and multiple gauges up to 4"
- Small, portable, versatile and accurate
- Ultra precise
- Meets ISO 9000 requirements

Part No. THV.0-50

Trimos HS6

Features:
- For setting equipment with variable dimensions quickly and accurately
- Available in sizes up to 120"
- Large selection of accessories to handle any job

Part No. HS6-500

Trimos A-Line Portable Measuring Arms

Features:
- Portable, take measurements right in the machine center
- Used for inspection in aerospace, automotive, and construction
- Easy to use FUSION software
- Up to 7-axis configuration
- Many probe and laser scanning head options available
- Sizes up to 30 feet

Part No. A6-1800

Prices & Specifications are subject to change without notice.

Sylvac S_Cal EVO Electronic Calipers

810.1506.10

Features:
- IP67 protected against fluid and dust
- Available with or without Bluetooth
- Heavy duty frame
- Extra large display
- Available with ISO Cert
- 12"/300mm is supplied without depth rod

3 YEAR WARRANTY

sylvac SWISS PRECISION

Part No.	Range	Accuracy	Resolution	List Price	Sale Price
Without Data Output					
810.1502.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	$231.75	***$220.16***
810.1522.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	$371.83	***$353.24***
810.1532.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	$505.73	***$480.44***
Bluetooth Models					
810.1506.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	$434.66	***$412.93***
810.1526.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	$654.05	***$621.35***
810.1536.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	$808.55	***$768.12***
Accessories					
981.7132	Sylcom Basic Data Processing Software			$1,056.78	***$1,003.94***
981.7100	USB bluetooth receiver			$148.32	***$140.90***

Sylvac S_Cal EVO Proximity Electronic Calipers

810.1702.10

Features:
- IP67 protected against fluid and dust
- Ultra-Cal VI technology with proximity cable data output
- Heavy duty frame
- Extra large display
- 12"/300mm is supplied without depth rod

3 YEAR WARRANTY

sylvac SWISS PRECISION

Part No.	Range	Accuracy	Resolution	List Price	Sale Price
810.1702.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	$280.16	***$266.15***
810.1722.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	$462.47	***$439.35***
810.1732.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	$591.22	***$561.66***
Connectivity Cables/Accessories					
981.7132	Sylcom Basic Data Processing Software			$1,056.78	***$1,003.94***
926.6721.10	Proximity cable with USB connection			$231.75	***$220.16***
926.6723	Proximity cable with serial connection			$231.75	***$220.16***

Prices & Specifications are subject to change without notice.

Bowers Bore Gauging

XTH3 Bluetooth Holematic Pistol Grips

Have a long run of a single part? The XTH3 is the fastest, most consistent hole measurement system available world wide!

Pistol grip design significantly decreases measuring time and guarantees repeatability.

Systems

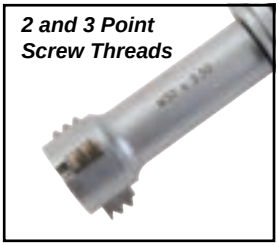
XTD3 Bluetooth Electronic Holemikes

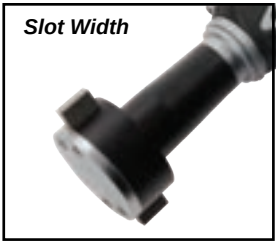
Designed to measure hard to reach bores. Measure cylinder bores, high accuracy bearings, grooves, threads and much more!

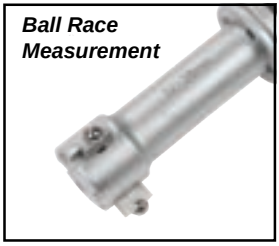
Traditional style ratchet stop thimble

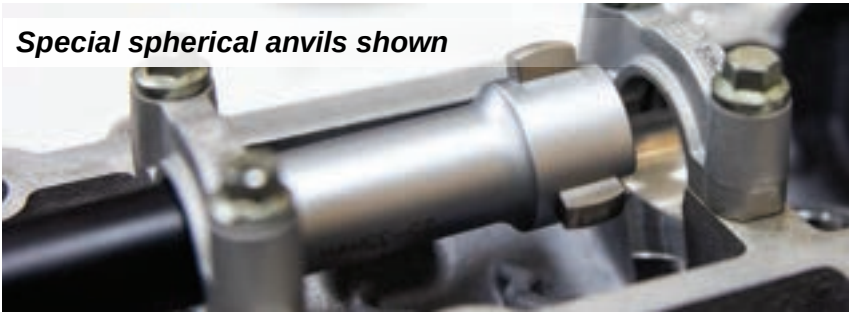
Special application heads

Contact the Eclipse Sales Department 1-800-260-2124









Part No.	Range	Includes	List Price	Sale Price
Pistol Grip Individual Sets				
XTH20i-BT	0.750" - 1"/20 - 25mm	1 head, 1 handle, 1 ring	$2,799.54	***$2,519.59***
XTH25i-BT	1" - 1.375"/25 - 35mm	1 head, 1 handle, 1 ring	$3,026.14	***$2,723.53***
XTH35i-BT	1.375" - 2"/35 - 50mm	1 head, 1 handle, 1 ring	$3,208.45	***$2,887.61***
Pistol Grip Complete Sets				
SXTH1i-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	$7,432.48	***$6,689.23***
SXTH3i-BT	0.250" - 0.375"/6- 10mm	2 heads, 1 handle, 1 ring	$2,833.53	***$2,550.18***
SXTH4i-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	$3,344.41	***$3,009.97***
SXTH5i-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	$4,309.52	***$3,878.57***
SXTH6i-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	$4,820.40	***$4,338.36***
SXTH7i-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	$4,309.52	***$3,878.57***
SXTH8i-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	$5,785.51	***$5,206.96***
SXTH9i-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	$9,249.40	***$8,324.46***
SXTH11i-BT	0.750" - 4"/20 - 100mm	6 heads, 1 handle, 4 rings	$7,204.85	***$6,484.37***
SXTH10i-BT	0.250" - 0.750"/6 - 20mm	5 heads, 1 handle, 3 rings	$3,968.59	***$3,571.73***
Connectivity Cables/Accessory				
926.6721.10	Proximity cable with USB connection		$231.75	***$220.16***
926.6723	Proximity cable with serial connection		$231.75	***$220.16***
981.7100	USB bluetooth receiver		$148.32	***$140.90***

Prices & Specifications are subject to change without notice.

operate with either style handle

Bowers Bore Gauging Sets

The best solution for measuring multiple size bores.

2" - 4" Set

SXTH6i-BT

3/8" - 3/4" Set

SXTD4i-BT

Both styles feature:

- Coolant proof, dust proof - IP67
- Resolution: 0.00005"/0.001mm
- Bluetooth connectivity to your phone or tablet
- Self centering 3 point heads above 0.250"
- Tungsten carbide measuring faces on all 3-point heads from 0.5"/12.5mm and up
- Sizes over 0.500"/12.5mm feature blind bore capability
- Includes UKAS certificates for all pistol grip, heads and rings

Part No.	Range	Includes	List Price	Sale Price
Holemike Complete Sets (Traditional style)				
SXTD1i-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	$6,807.27	***$6,126.54***
SXTD3i-BT	0.250" - 0.375"/6- 10mm	2 heads, 1 handle, 1 ring	$2,719.20	***$2,447.28***
SXTD4i-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	$3,287.76	***$2,958.98***
SXTD5i-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	$4,536.12	***$4,082.51***
SXTD6i-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	$4,990.35	***$4,491.32***
SXTD7i-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	$4,196.22	***$3,776.60***
SXTD8i-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	$5,615.56	***$5,054.00***
SXTD9i-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	$8,965.12	***$8,068.61***
Connectivity Cables/Accessory				
926.6721.10	Proximity cable with USB connection		$231.75	***$220.16***
926.6723	Proximity cable with serial connection		$231.75	***$220.16***
981.7100	USB bluetooth receiver		$148.32	***$140.90***

Prices & Specifications are subject to change without notice.

Bowers XT Holematic Groove Sets

General sizes available.

Features:
- Coolant proof, dust proof - IP67
- Pistol grip handle for FAST measurements
- Resolution: 0.00005"/.001mm, direct in/mm conversion
- Error free bluetooth data transfer
- Includes depth stops and UKAS certified setting rings
- Special sizes, profiles and depth extensions available to measure any bore feature

Part No.	Sizes Included	Anvil Step Height	Anvil Contact Width	List Price	Sale Price
SP-SXTH10I-BT-GRO	1/4" - 5/16"	0.049"	0.059"	$7,810.00	***$7,029.00***
	5/16" - 3/8"	0.049"	0.059"		
	3/8" - 1/2"	0.059"	0.059"		
	1/2" - 5/8"	0.079"	0.059"		
	5/8" - 3/4"	0.098"	0.059"		
SP-SXTH5I-BT-GRO	3/4" - 1"	0.108"	0.079"	$6,492.40	***$5,843.16***
	1" - 1-3/8"	0.217"	0.079"		
	1-3/8" - 2"	0.157"	0.079"		
SP-SXTH6I-BT-GRO	2" - 2-5/8"	0.315"	0.118"	$7,249.60	***$6,524.64***
	2-5/8" - 3-1/4"	0.315"	0.118"		
	3-1/4" - 4"	0.413"	0.118"		

Bowers MicroGauge

Pocket sized 2-point bore gauging system.

Replaces 100's of pin gauges!

Features:
- System range : 0.040" - 0.250"/1 - 6mm
- Switchable resolution 0.0005", 0.00005"/0.01, 0.001, 0.0005mm
- Repeatability : 0.00005"/0.001mm
- Sets include setting rings with UKAS certificates
- Depth stops available, *call our technical department 1-800-788-2353*

Part No.	Description	List Price	Sale Price
SMG010M	0.037" - 0.096"/0.95 - 2.45mm	$5,127.34	***$4,614.61***
SMG011M	0.060" - 0.167"/1.5 - 4.25mm	$4,826.58	***$4,343.92***
SMG012M	0.089" - 0.250"/2.25 - 6.35mm	$5,093.35	***$4,584.02***
Connectivity Cables			
926.6721.10	Proximity cable with USB connection	$231.75	***$220.16***
926.6723	Proximity cable with serial connection	$231.75	***$220.16***

Prices & Specifications are subject to change without notice.

Bowers Ultima Bore Gauging System

World's most accurate system!

D62S

Display not included

Features:
- Accuracies of 0.00004" up to 1.97"
- Ceramic anvils with blind bore capabilities above 0.472"
- Uses compact, multi function Sylvac display

Part No.	Description	Set Includes	List Price	Sale Price
USET2DW	0.078" - 0.236"/2 - 6mm	Includes: handle, rings & heads	$9,246.01	***$8,321.41***
USET3DW	0.236" - 0.393"/6 - 10mm	Includes: handle, rings & heads	$5,021.81	***$4,519.63***
USET4DW	0.393" - 0.787"/10 - 20mm	Includes: handle, rings & heads	$6,740.91	***$6,066.82***
USET7DW	0.236" - 0.787"/6 - 20mm	Includes: handle, rings & heads	$8,456.15	***$7,610.54***
USET8DW	0.787" - 1.97"/20 - 50mm	Includes: handle, rings & heads	$9,276.97	***$8,349.27***
USET9DW	1.97" - 3.94"/50 - 100mm	Includes: handle, rings & heads	$10,299.16	***$9,269.25***
USET10DW	0.787" - 3.94"/20 - 100mm	Includes: handle, rings & heads	$15,773.97	***$14,196.58***
Digital Displays				
804.1062	Sylvac D62S Digital Display		$1,734.52	***$1,647.79***
804.1063.10	Sylvac D62S Advanced Digital Display		$2,567.79	***$2,439.40***

XT-Series Holemikes

Vernier Bore Micrometers.

52-255-316-0

Features:
- 3-pt contact with tungsten carbide measuring anvils above 0.5"
- Blind bore measuring heads featured above 0.5"
- Ratchet stop for consistent measuring
- Extensions available for deep measuring
- Includes UKAS certificates for all Holemikes and setting rings

Part No.	Range	Grads.	Meas. Accuracy	Ring Depth	Ring Included	List Price	Sale Price
MXTA6I	0.250" - 0.312"	0.00025"	0.00015"	2.28"	0.312"	$623.00	***$560.70***
MXTA8I	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	$579.00	***$521.10***
MXTA10I	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	$579.00	***$521.10***
MXTA12I	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	$579.00	***$521.10***
MXTA16I	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	$584.00	***$525.60***
XTA20I	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	$664.35	***$597.92***
XTA25I	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	$948.63	***$853.77***
XTA35I	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	$965.11	***$868.60***
XTA50I	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	$1,158.75	***$1,042.88***
XTA65I	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	$1,158.75	***$1,042.88***
XTA80I	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	$1,470.84	***$1,323.76***
Sets							
SMXTA2I	0.250" - 0.375"	2 heads, 2 handles, 1 ring				$3,685.34	***$3,316.81***
SMXTA4I	0.375" - 0.750"	3 heads, 3 handles, 2 rings				$1,606.80	***$1,446.12***
SXTA5I	0.750" - 2"	3 heads, 3 handles, 2 rings				$2,537.92	***$2,284.13***
SXTA6I	2" - 4"	3 heads, 3 handles, 2 rings				$3,401.06	***$3,060.95***

Sylvac Electronic Indicators

Features:
- IP54 protected against fluid and dust
- Repeatability: 2µm
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Menus customizable with free software
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset. Auto Off, etc)
- Bezel rotates 270°
- Large display with LED tolerance indicators
- Includes lug back

sylvac SWISS PRECISION 3 YEAR WARRANTY

805.5301.10

Part No.	Range	Accuracy	Resolution	List Price	Sale Price
805.5201.10	0 - 0.500"/12.5mm	0.0004"/0.01mm	0.0005"/0.01mm	$703.49	***$668.32***
805.5301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	$878.59	***$834.66***
805.5401.10	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	$843.57	***$801.39***
805.5501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	$1,018.67	***$967.74***
805.5621.10	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	$1,401.83	***$1,331.74***
Bluetooth					
805.6301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	$1,019.70	***$968.72***
805.6501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	$1,212.31	***$1,151.69***
Accessories					
981.7132	Sylcom Basic Data Processing Software			$1,056.78	***$1,003.94***
981.7100	USB Bluetooth Receiver			$148.32	***$140.90***

Sylvac Mini S_Dial Indicators

Small in size BIG in features!

Features:
- Bluetooth connectivity to your phone or tablet
- IP67 protected against fluid and dust
- All indicators feature 0.50"/12.5mm range
- Analog scale for reversal point indication, Min/Max, multiplication factor (Bluetooth® models only)
- 3/8" mounting diameter with 4-48 contact thread
- Auto power off feature
- Optional cable connectivity output

805.6525

805.4125

sylvac SWISS PRECISION 3 YEAR WARRANTY

Part No.	Accuracy	Resolution	List Price	Sale Price
Basic Models				
805.4125	0.0004"/0.01mm	0.0005"/0.01mm	$535.00	***$508.25***
805.4525	0.0002"/0.005mm	0.00005"/0.001mm	$774.97	***$736.22***
Bluetooth Models				
805.6125	0.0004"/0.01mm	0.0005"/0.01mm	$609.00	***$578.55***
805.6525	0.0002"/0.005mm	0.00005"/0.001mm	$973.35	***$924.68***
Accessories				
981.7132	Sylcom Basic Data Processing Software		$1,056.78	***$1,003.94***
926.6821.10	Output Cable USB		$409.94	***$389.44***

**Basic models feature only simple functions.*

Prices & Specifications are subject to change without notice.

Sylvac Multimode Electronic Test Indicators

Features:
- Bluetooth connectivity to your phone or tablet
- IP65 protected against fluid and dust
- 4 measuring modes: Min, Max, TIR and Direct
- 4 measuring resolutions - 0.00005"/0.001mm or 0.0005"/0.01mm
- 1-1/2" diameter dial face rotates a full 360°
- Analog scale for reversal point indication
- Meets or exceeds DIN/ISO Standards
  (Maximum error on 0.00005" scale at full range: 0.0004")

805.4321.10

sylvac SWISS PRECISION **3 YEAR WARRANTY**

Part No.	Range	Contact Point Length	List Price	Sale Price
805.4321.10	0.030"/0.80mm	1/2"	$856.55	***$813.72***
805.4322.10	0.080"/2.0mm	1-7/16"	$969.64	***$921.16***
805.4323.10	0.030"/0.80mm 0.080"/2.0mm	1/2" 1-7/16"	$1,053.07	***$1,000.42***
Accessories				
981.7132	Sylcom Basic Data Processing Software		$1,056.78	***$1,003.94***
981.7100	USB BT Receiver		$148.32	***$140.90***

Hi_Gage One Smart

The perfect shop height gauge.

Features:
- Bluetooth connectivity to your phone or tablet
- Resolution: 0.0005"/0.01mm
- Repeatability: 0.0004"/10µm
- Includes scriber/measuring probe
- Accepts 8mm probes
- Preset function
- Fine adjust for easy setting
- ***Scale not affected by oil, dust, chips, magnetism, shock, etc.***

sylvac SWISS PRECISION

840.0406.10

Order No.	Range	Accuracy	List Price	Sale Price
840.0406.10	16"/400mm	± 0.0016"	$1,783.96	***$1,694.76***
840.0606.10	24"/600mm	± 0.002"	$1,975.54	***$1,876.76***
Accessories				
926.6721.10	Proximity cable with USB connection		$231.75	***$220.16***
926.6723	Proximity cable with serial connection		$231.75	***$220.16***

Sylvac Sylvac Hi_Cal V2 Electronic Height Gauges

For your finer, more delicate parts.

Features:

- ***Bluetooth for quick, easy recorded measurements***
- Extra low measuring force, from 0.2N
- Measure internal and external diameters, centerlines, heights, widths, depths and MIN/MAX/TIR capability
- Excellent repeatability thanks to the motorized carriage
- High reliability
- Bluetooth, USB and RS232 data outputs
- Battery life: 40 hours rechargeable during operation
- Touch sensitive probe speed for easy operation
- Base with small footprint
- Includes: protective cover, charging set, ruby ball probe Ø3mm, setting gauge and calibration certificate

830.0156

Accessory Probe Sets

sylvac

SWISS MADE

3 YEAR WARRANTY

930.2151

930.2150

Part No.	Range	Accuracy	List Price	Sale Price
830.0156	6"/150mm	0.00013"/0.0034mm	$5,950.00	***$5,652.50***
830.0306	12"/300mm	0.00016"/0.0042mm	$6,300.00	***$5,985.00***
830.0456	18"/450mm	0.00020"/0.005mm	$7,350.00	***$6,982.50***
Accessories				
930.2150	Full Probe Accessory Set		$1,599.59	***$1,519.61***
930.2151	Basic Probe Accessory Set		$910.52	***$864.99***

Prices & Specifications are subject to change without notice.

Height Gauges

sylvac

SWISS MADE

3 YEAR WARRANTY

830.0306

830.0456

Trimos V3, V4, V5 & V7 Electronic Height Gauges

The Trimos V3, V4, V5 & V7 vertical measuring instruments have been developed for the most difficult shop floor environments. Manufactured in Switzerland, they guarantee precise and repeatable measurements with superior ease of use.

Features:
- Industry leading software simplifies measuring tasks
- Electronically adjustable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries last up to 40 hours
- All adjustments possible without tools
- Cast iron base for optimal stability and rigidity
- Bluetooth transmitter available
- Dual probe holders (V4 - V7)
- Carriage displacement: Manual for V3 and V4 models
  V5 includes selectable manual or motorized carriage displacement
- **V7 features 2D measuring, parts programming, statistics, tablet style display, and higher resolution of 0.00001"/0.0001mm**
- Measures heights, diameters, perpendicularity, centerlines, Min/Max/Delta
- Resolution: 0.00005"/0.001mm
- **V3 - V5:** Repeatability (2s): 0.00008"/0.002mm (Ø 0.00016"/0.004mm)
- **V7:** Repeatability (2s): 0.00002"/0.0005mm (Ø 0.00004"/0.001mm)

All models Include:
- Charging unit
- Measuring probe with ruby ball Ø4mm
- Probe holder elbow Ø 8mm
- Setting gauge
- User's manual and test certificate

V3	V3-400	V3-700
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	20"/508mm	31.9"/812mm
Max. Permissible Errors	0.00028"/0.007mm	0.00032"/0.008mm
Frontal Squareness Deviation	0.0004"/0.010mm	0.0006"/0.015mm
Air Cushion	NO	

V4	V4-400	V4-700
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	28.3"/719mm	40.2"/1023mm
Max. Permissible Errors	0.0002"/0.005mm	0.00028"/0.007mm
Frontal Squareness Deviation	0.0004"/0.010mm	0.0006"/0.015mm
Air Cushion	YES	

V5	V5-400	V5-700
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	28.3"/719mm	40.2"/1023mm
Max. Permissible Errors (µm)	2.5 + L(mm)/300	
Frontal Squareness Deviation	0.0002"/0.005mm	0.00032"/.008mm
Air Cushion	YES	

V7	V7-700
Measuring Range	28"/711mm
Range with Probe inverted	40"/1023mm
Max. Permissible Errors (µm)	2.5 + L(mm)/400
Frontal Squareness Deviation	0.00032"/0.008mm
Air Cushion	YES

EXTREMELY Easy to Use!

V3-400

Prices & Specifications are subject to change without notice.

TRIMOS

SWISS MADE

V4-400

V5-700

V7-700

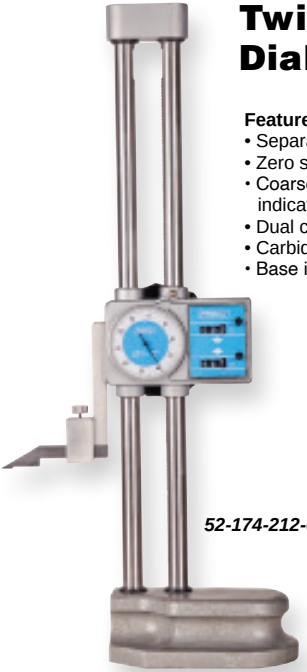
Measures ID/OD, centerlines, heights, widths, depths, min/max/delta, slots, grooves and more!

***Height Gauges available up to 40", 60", 80" upon request**

Part No.	Description	Range	List Price	Sale Price
V3-400	V3 Height Gauge	16"/407mm	$5,450.84	***$5,178.30***
V3-700	V3 Height Gauge	28"/711mm	$6,051.15	***$5,748.59***
V4-400	V4 Height Gauge	16"/407mm	$6,795.54	***$6,455.76***
V4-700	V4 Height Gauge	28"/711mm	$7,924.13	***$7,527.92***
V5-400	V5 Height Gauge	16"/407mm	$7,443.88	***$7,071.68***
V5-700	V5 Height Gauge	28"/711mm	$8,644.50	***$8,212.28***
V7-700	V7 Height Gauge	28"/711mm	$12,486.50	***$11,862.18***
Probe Sets				
TA-SE-105	4mm Probe Set, 21 piece		$2,040.88	***$1,938.84***
TA-SE-106	8mm Probe Set, 16 piece		$1,518.80	***$1,442.86***
TA-SE-107	8mm Basic Probe Set, 7 piece		$590.64	***$561.11***
Accessories				
TA-IH-127	12"/300mm Holder - for 8mm probes		$1,149.64	***$1,092.16***
TA-EL-022	Bluetooth transmitter (Not available for V3 models)		$682.93	***$648.78***
981.7161.10	Vmux software - for connecting multiple units to one PC		$505.73	***$480.44***

Prices & Specifications are subject to change without notice.

Twin Beam Dial Height Gauges



Features:
- Separate digit counters register both upward & downward travel
- Zero setting can be obtained throughout the gauge's range
- Coarse readings in 0.100" graduations: fine readings taken on indicator are 0.001"
- Dual chrome plated beams
- Carbide-tipped scriber
- Base is ground & lapped for maximum flatness

52-174-212-0

Part No.	Range	Accuracy	List Price	Sale Price
52-174-212-0	12"	± 0.0015"	$637.81	***$578.95***
52-174-224-0	24"	± 0.002"	$1,063.10	***$967.41***

Twin Beam Electronic Height Gauges

Features:
- Range: 12"/300mm
- Accuracy: ± 0.0016"/0.04mm
- Updated electronic and mechanical design with offset scriber offers better accuracy and movement of carriage
- Base is ground and lapped for maximum flatness
- Handwheel provides course and fine movement
- Carbide tipped scriber
- Functions include preset, in/mm conversion and ABS/INC for direct or comparative measuring

Part No. 54-174-212-3

Sale $1,105.61

List Price $1,214.97

Prices & Specifications are subject to change without notice.

Z-HEIGHT

Electronic Height Gauges

Features:
- Base design has a more comfortable grip and is finely ground and lapped for smooth movement on surface plates
- Fine adjust feature allows precise adjustment to required settings
- Preset feature allows setting pre-determined or reference measurements
- Indicator holding bar included
- Resolution 0.0005"/0.01mm
- Large, high contrast LCD display
- Coarse adjustment hand wheel
- Carriage locking lever
- Carbide tipped scriber

54-175-024-0

Part No.	Range	Accuracy	List Price	Sale Price
54-175-012-0	12"/300mm	± 0.0015"/0.04mm	$1,329.57	***$1,196.61***
54-175-018-0	18"/450mm	± 0.002"/0.05mm	$1,582.48	***$1,424.23***
54-175-024-0	24"/600mm	± 0.002"/0.05mm	$1,781.27	***$1,620.95***

Single Beam Electronic Height Gauges

Features:
- Large base is lapped for easy movement
- Resolution: 0.0005"/.01mm
- Large easy to read LCD
- Presetable display
- Carbide tipped scriber

54-106-020-0

Part No.	Range	Accuracy	List Price	Sale Price
54-106-020-0	20"/500mm	± 0.0025"	$1,080.17	***$972.15***
54-106-040-0	40"/1000mm	± 0.0035"	$4,968.95	***$4,472.06***

XTRA-VALUE CAL Digital Calipers

54-101-150-2

54-101-300-1

Features:
- Stainless steel frame
- Large easy-to-read display
- Resolution: 0.0005"/0.01mm
- Absolute/Incremental measurement
- 4-way measuring, inside, outside, depth and step
- 6" and 12" models include NIST Cert.
- Includes fitted case

Part No.	Range	Accuracy	List Price	Sale Price
54-101-150-2	6"/150mm	0.001"/0.02mm	$124.86	***$113.61***
54-101-600-1	6"/150mm - Large Display with Hold feature	0.0015"/0.04mm	$162.83	***$146.54***
54-101-300-1	12"/300mm	0.0015"/0.04mm	$249.22	***$223.36***

XTRA-VALUE *Plus* Digital Caliper

Features:
- IP54 protected against fluid and dust
- Range: 6"/150mm
- Accuracy: ± 0.001"/0.02mm
- Inch/Metric/Fraction reading: 0.0005"/0.01mm/ 1/128"
- Heavy Duty frame for extra rigidity and wear resistance
- Super large, easy to read display
- Includes fitted case

Part No. 54-103-006-0

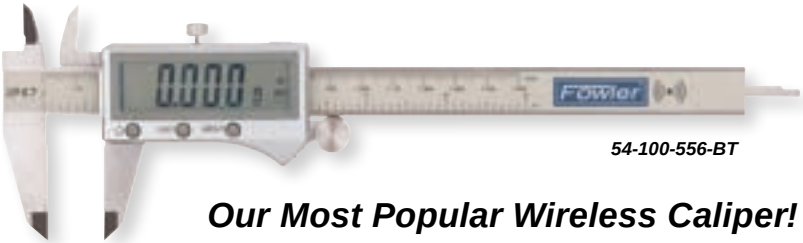
Sale $168.57

List Price $194.70

Prices & Specifications are subject to change without notice.

IP67 Digital Calipers

With Smart Wireless Communication



54-100-556-BT

Our Most Popular Wireless Caliper!

Features:
- IP67 protected against fluid and dust
- Wireless connectivity for quick error free data collection
- Supplied with NIST certification
- Heavy duty frame with 4-way measuring, inside, outside, depth and step
- Super large display
- Includes fitted case, extra battery tray and a 1" setting standard

Part No.	Range	Accuracy	List Price	Sale Price
54-100-554-BT	0 - 4"/100mm	0.001"/0.02mm	$442.47	***$402.64***
54-100-556-BT	0 - 6"/150mm	0.001"/0.02mm	$454.89	***$410.90***
54-100-512-BT	0 - 12"/300mm	0.0015"/0.04mm	$589.95	***$537.33***

Digital Calipers

54-100-000-2

Features:
- Resolution: 0.0005"/0.01mm
- Absolute/Incremental Measurement
- Stainless steel frame
- Direct Inch/Metric conversion
- 4-way measuring, inside, outside, depth and step
- Wireless SPC data option
- Includes fitted case

Part No.	Range	Accuracy	List Price	Sale Price
54-100-004-2	4"/100mm	0.001"/0.02mm	$264.16	***$237.75***
54-100-000-2	6"/150mm	0.001"/0.02mm	$298.68	***$268.81***
54-100-008-2	8"/200mm	0.0015"/0.04mm	$350.70	***$315.62***
54-100-112-2	12"/300mm	0.0015"/0.04mm	$457.24	***$411.52***
Accessories				
54-115-100-0	Wireless transmitter		$255.32	***$237.45***

Premium Grade Dial Calipers

52-008-706-0

52-008-707-0

Features:
- Tough shockproof gearing with ultra smooth mechanism
- 4-way measuring, inside, outside, depth and step
- Solid stainless steel construction
- 0.100"/2mm range per revolution
- 0.001"/0.02mm reading dial face

Part No.	Range	Dial Color	Accuracy	List Price	Sale Price
52-008-706-0	0 - 6"	White	± 0.001"	$183.91	***$164.10***
52-008-707-0	0 - 6"	Black	± 0.001"	$183.91	***$164.10***
52-008-708-0	0 - 8"	White	± 0.0015"	$220.84	***$200.97***
52-008-712-0	0 - 12"	White	± 0.002"	$296.94	***$263.66***
Metric					
52-008-709-0	0 - 150mm	Yellow	± 0.02mm	$189.62	***$170.65***

Dial Calipers

52-008-005-1

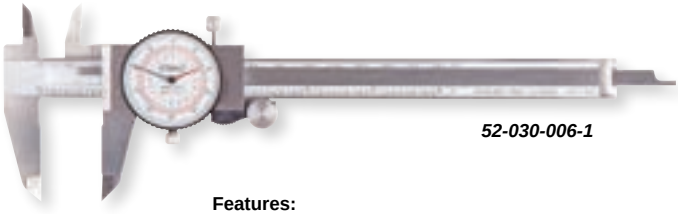
52-008-007-1

Features:
- 4-way measuring for outside, inside, depths and steps
- Graduation: 0.001"
- Beam graduations: 0.100"
- Hardened stainless steel throughout with lapped measuring faces
- Satin chrome finished
- Covered rack
- Shockproof gearing

Part No.	Range	Dial Color	Accuracy	List Price	Sale Price
52-008-005-1	0 - 6"	Black	± 0.001"	$219.27	***$195.12***
52-008-007-1	0 - 6"	White	± 0.001"	$219.27	***$195.12***
52-008-008-1	0 - 8"	White	± 0.0015"	$309.33	***$278.40***
52-008-012-1	0 - 12"	White	± 0.002"	$527.56	***$462.79***

Prices & Specifications are subject to change without notice.

Inch & Metric Reading Dial Calipers



52-030-006-1

Features:
- Dial face reads in both **inch (black)** and metric (red)
- Hardened stainless steel throughout
- 4-way measuring
- Raised sliding surface prevents wear and defacement of graduations
- Covered stainless steel rack

Part No.	Range	Accuracy	List Price	Sale Price
52-030-006-1	6"/150mm	± 0.001"	$236.67	$208.27
52-030-012-1	12"/300mm	± 0.002"	$390.35	$343.50

XTRA-RANGE® Dial Calipers

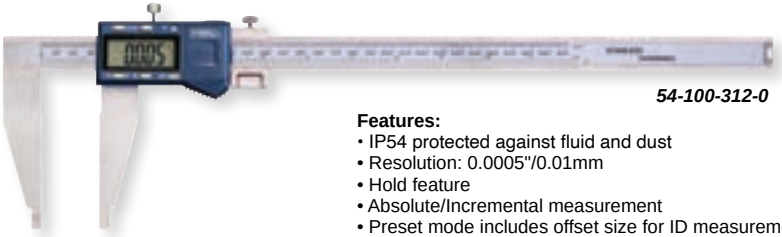
With full length depth rod

52-008-018-0

Features:
- Graduations: 0.001"
- Jaw depth: 3.125"
- Stainless steel construction
- Satin chrome finish
- Full length depth rod
- 0.50" internal measuring nibs on jaws

Part No.	Range	Accuracy	List Price	Sale Price
52-008-018-0	0 - 18"	± 0.003"	$623.10	$548.99
52-008-024-0	0 - 24"	± 0.003"	$755.08	$661.79

XTRA-RANGE® Digital Calipers



54-100-312-0

Features:
- IP54 protected against fluid and dust
- Resolution: 0.0005"/0.01mm
- Hold feature
- Absolute/Incremental measurement
- Preset mode includes offset size for ID measurements
- Both sizes feature fine adjustment

Part No.	Range	Accuracy	Jaw Depth	List Price	Sale Price
54-100-312-0	0 - 12"/300mm	± 0.002"/0.05mm	3.5"	$538.39	$483.99
54-100-024-1	0 - 24"/600mm	± 0.003"/0.075mm	4"	$792.00	$711.18

Prices & Specifications are subject to change without notice.

Electronic Coolant Resistant Micrometers

For basic outside measurements with higher protection.

54-860-001-1

Features:
- IP54 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute & incremental modes
- Ratchet thimble
- Automatic switch off
- Free ball attachment included
- Sizes over 1"/25mm include a calibration standard

Part No.	Range	Accuracy	List Price	Sale Price
54-860-001-1	0 - 1"/0 - 25mm	± 0.00016"/0.004mm	$289.78	***$231.83***
54-860-002-1	1 - 2"/25 - 50mm w/standard	± 0.00016"/0.004mm	$335.41	***$268.33***
54-860-003-1	2 - 3"/50 - 75mm w/standard	± 0.0002"/0.005mm	$365.75	***$292.61***
54-860-004-1	3 - 4"/75 - 100mm w/standard	± 0.0002"/0.005mm	$424.63	***$339.70***
Set				
54-860-103-1	0 - 3"/0 - 75mm w/standard		$952.84	***$762.27***

XTRA-VALUE II Electronic Micrometers

54-870-001-0

Features:
- IP40 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble
- Free ball attachment included
- Sizes over 1"/25mm include a calibration standard

Part No.	Range	Accuracy	List Price	Sale Price
54-870-001-0	0 - 1"/0 - 25mm	± 0.00016"/0.004mm	$228.62	***$182.90***
54-870-002-0	1" - 2"/25 - 50mm	± 0.00016"/0.004mm	$246.88	***$197.50***
54-870-003-0	2" - 3"/50 - 75mm	± 0.0002"/0.005mm	$279.73	***$223.78***
54-870-004-0	3" - 4"/75 - 100mm	± 0.0002"/0.005mm	$312.82	***$250.25***
Set				
54-870-103-0	0 - 3"/0 - 75mm		$738.24	***$590.59***

Prices & Specifications are subject to change without notice.

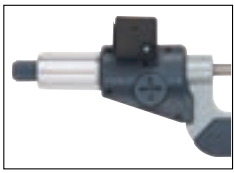
XTRA-MIC PLUS Electronic Micrometers

54-880-001-0

Features:
- IP54 protected against fluid and dust
- Corrosive resistant ratchet thimble (anodized aluminum)
- Super large LCD display, 14mm height
- Resolution: 0.00005"/0.001mm
- Carbide tipped anvil and spindle
- Sizes over 1"/25mm include a calibration standard
- Includes fitted case and two ball attachments

Part No.	Range	Accuracy	List Price	Sale Price
54-880-001-0	0 - 1"/0 - 25mm	0.00016"/0.004mm	$324.46	***$243.34***
54-880-002-0	1 - 2"/25 - 50mm	0.00016"/0.004mm	$373.96	***$280.47***
54-880-003-0	2 - 3"/50 - 75mm	0.0002"/0.005mm	$399.76	***$299.82***
54-880-004-0	3 - 4"/75 - 100mm	0.0002"/0.005mm	$458.39	***$343.79***
Set				
54-880-103-0	0 - 3"/0 - 75mm		$1,032.01	***$774.01***

0 - 1" BLUETOOTH Micrometer Kit



Features:
- IP54 protected against fluid and dust
- Transmitter simulates keyboard entries
- Rechargeable battery (transmitter) with automatic switch off
- Accuracy: ± 0.00016"/.004mm
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute & incremental modes

Part No. 54-860-001-BT

Sale $272.65

List $363.53

Prices & Specifications are subject to change without notice.

Electronic IP65 Thread Micrometer

For accurate pitch diameter measurements.

54-219-001-1

Features:
- IP65 protected against fluid and dust
- Thread range: 44 - 3.5 TPI/0.6 - 7mm
- Accuracy: ± 0.00008"/0.002mm
- 60° measuring anvils
- Absolute and incremental measuring mode
- Resolution: 0.00005"/0.001mm
- Friction thimble

Part No.	Range	Thread Range	Accuracy	List Price	Sale Price
54-219-001-0	0 - 1"/0 - 25mm	64 - 5 TPI/0.4 - 5mm	± 0.00008"/0.002mm	$659.06	***$599.75***
54-219-002-0	1" - 2"/25 - 50mm	44 - 3.5 TPI/0.6 - 7mm	± 0.00008"/0.002mm	$693.31	***$621.62***
54-219-003-0	2" - 3"/50 - 75mm	24 - 3.5 TPI/1 - 7mm	± 0.00008"/0.002mm	$704.03	***$640.58***
54-219-004-0	3" - 4"/75 - 100mm	24 - 3.5 TPI/1 - 7mm	± 0.00012"/0.003mm	$734.16	***$667.98***

Vernier Thread Micrometers

52-219-001-1

Features:
- 60° measuring anvils
- Graduation: 0.001"
- Ratchet thimble
- Sizes over 1" include standard

Part No.	Range	Thread Range	Accuracy	List Price	Sale Price
52-219-001-1	0 - 1"	64 - 5 TPI/0.4 - 5mm	0.00016"	$230.33	***$209.60***
52-219-002-1	1" - 2"	44 - 3.5 TPI/0.6 - 7mm	0.00016"	$253.57	***$230.74***
52-219-003-1	2" - 3"	24 - 3.5 TPI/1 - 7mm	0.0002"	$295.69	***$269.08***
52-219-004-1	3" - 4"	24 - 3.5 TPI/1 - 7mm	0.0002"	$320.19	***$291.37***

Prices & Specifications are subject to change without notice.

Deep Throat Electronic Micrometers

For measuring sheets or plates at large depths.

Features:
- IP54 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Absolute and incremental modes
- Carbide measuring faces
- Ratchet thimble
- Diameter of measuring faces 0.256"
- 54-517-002-0 supplied with a ball anvil

54-517-001-0

Part No.	Range	Accuracy	Anvil	List Price	Sale Price
54-517-001-0	0 - 1"/0 - 25mm	± 0.00012"/0.003mm	Flat	$522.68	***$470.41***
54-517-002-0	0 - 1"/0 - 25mm	± 0.00016"/0.004mm	Ball	$582.17	***$523.96***

Deep Throat Vernier Micrometers

Features:
- Ratchet thimble
- Microfine graduations on satin chrome finish for easy reading
- Graduation: 0.0001"
- Carbide tipped anvil and spindle
- Positive lever locking clamp
- Diameter of measuring faces 0.256"
- 52-517-612-1 supplied with a ball anvil

52-517-611-1

Part No.	Range	Accuracy	Anvil	Throat Depth	List Price	Sale Price
52-517-611-1	0 - 1"	± 0.00016"	Flat	5.90"	$329.09	***$263.28***
52-517-612-1	0 - 1"	± 0.0002"	Ball	11.875"	$410.54	***$328.43***

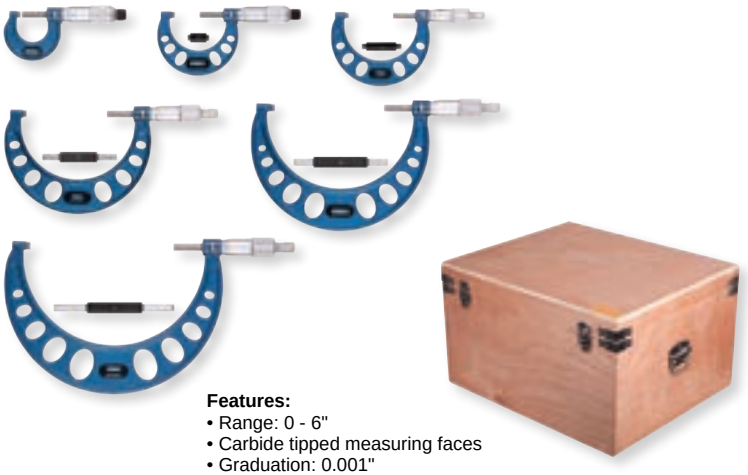
Outside Vernier Micrometers

52-253-001-1

Features:
- Carbide tipped measuring faces
- Graduation: 0.001"
- Diameter of measuring faces: 0.256"
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Sizes over 1"/25mm include a standard

Part No.	Range	Accuracy	Thimble	List Price	Sale Price
52-253-001-1	0 - 1"	± 0.001"	Friction	$76.88	***$69.97***
52-253-101-1	0 - 1"	± 0.001"	Ratchet	$76.88	***$69.97***
52-253-002-1	1" - 2"	± 0.001"	Friction	$91.37	***$83.14***
52-253-102-1	1" - 2"	± 0.001"	Ratchet	$91.37	***$83.14***
52-253-003-1	2" - 3"	± 0.001"	Ratchet	$106.26	***$88.50***
52-253-004-1	3" - 4"	± 0.001"	Ratchet	$124.16	***$101.41***
52-253-005-1	4" - 5"	± 0.001"	Ratchet	$138.64	***$116.16***
52-253-006-1	5" - 6"	± 0.001"	Ratchet	$153.55	***$129.07***

Outside Vernier Micrometer Set



Features:
- Range: 0 - 6"
- Carbide tipped measuring faces
- Graduation: 0.001"
- Diameter of measuring faces: 0.256"
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Sizes over 1"/25mm include a standard

Part No. 52-253-600-1

Sale $571.57 List Price $704.90

Prices & Specifications are subject to change without notice.

Outside Vernier Micrometers

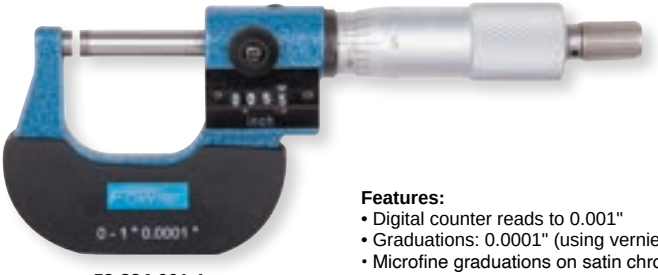
52-240-001-1

52-215-003-1

Features:
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: 0.256"
- Graduation: 0.0001"
- Flatness: 0.00003"
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Includes a wrench and case
- Sizes over 1"/25mm include a standard

Part No.	Range	Accuracy	Thimble	List Price	Sale Price
52-240-001-1	0 - 1"	± 0.00016"	Friction	$91.37	***$78.31***
52-240-101-1	0 - 1"	± 0.00016"	Ratchet	$91.37	***$78.31***
52-240-002-1	1" - 2"	± 0.00016"	Friction	$106.26	***$91.08***
52-240-102-1	1" - 2"	± 0.00016"	Ratchet	$106.26	***$91.08***
52-240-003-1	2" - 3"	± 0.0002"	Ratchet	$124.16	***$106.42***
52-240-004-1	3" - 4"	± 0.0002"	Ratchet	$138.64	***$118.83***
52-240-005-1	4" - 5"	± 0.00024"	Ratchet	$153.55	***$131.61***
52-240-006-1	5" - 6"	± 0.00024"	Ratchet	$168.25	***$144.20***
52-240-007-1	6" - 7"	± 0.00028"	Ratchet	$182.93	***$156.80***
52-240-008-1	7" - 8"	± 0.00028"	Ratchet	$215.29	***$184.54***
52-240-009-1	8" - 9"	± 0.00032"	Ratchet	$244.69	***$209.73***
52-240-010-1	9" - 10"	± 0.00032"	Ratchet	$277.50	***$237.85***
52-240-011-1	10" - 11"	± 0.00036"	Ratchet	$306.87	***$263.03***
52-240-012-1	11" - 12"	± 0.00036"	Ratchet	$336.25	***$288.22***
Sets					
52-215-003-1	0 - 3" with standards and fitted shop hardened case			$318.37	***$272.90***
52-215-004-1	0 - 4" with standards and fitted shop hardened case			$456.15	***$387.20***
52-215-006-1	0 - 6" with standards and fitted shop hardened case			$774.32	***$645.33***
52-215-012-1	0 - 12" with standards and fitted wooden case			$2,347.43	***$2,012.09***
52-215-612-1	6 - 12" with standards and fitted wooden case			$1,548.64	***$1,327.40***

Digit Counter Micrometers



52-224-001-1

Features:
- Digital counter reads to 0.001"
- Graduations: 0.0001" (using vernier)
- Microfine graduations on satin chrome
- Carbide tipped measuring faces
- Sizes over 1"/25mm include a standard
- Includes case

Part No.	Range	Accuracy	List Price	Sale Price
52-224-001-1	0 - 1"	0.00016"	$249.59	***$194.52***
52-224-002-1	1" - 2"	0.00016"	$262.16	***$181.61***
52-224-003-1	2" - 3"	0.0002"	$298.57	***$206.87***
52-224-004-1	3" - 4"	0.0002"	$328.61	***$227.71***
52-224-005-1	4" - 5"	0.00024"	$347.76	***$316.46***
52-224-006-1	5" - 6"	0.00024"	$363.51	***$330.80***
Sets				
52-224-103-0	0 - 3" set (set finished in grey enamel)		$787.73	***$545.76***
52-224-104-0	0 - 4" set (set finished in grey enamel)		$1,117.17	***$773.84***
52-224-220-0	0 - 75mm set (set finished in grey enamel)		$829.47	***$574.52***

Micrometer Stands

52-247-005-0

Features:
- Unique locking system adjusts micrometer stand to any position for perfect use and viewing
- Stand folds for storage

52-247-010-0

XTRA MAG

Features:
- Holds standard 0-12" micrometers firmly to metal surfaces
- Use at machine centers, assembly and inspection stations, steel tables and shelves
- V-bottom for mounting on cylindrical surfaces
- On/Off magnet switch
- Base is 2.30" L x 1.20" W x 3.50" H

Micrometer not included

Part No.	Description	List Price	Sale Price
52-247-005-0	Folding Micrometer Stand	$87.11	***$79.26***
52-247-010-0	Magnetic Micrometer Stand	$154.09	***$140.22***

Prices & Specifications are subject to change without notice.

IP54 Electronic Depth Micrometer

Features:
- IP54 protected against fluid and dust
- Range: 0 - 6"/150 mm
- Resolution: 0.00005"/0.001mm
- Base surface hardened and microlapped to 0.00008" flatness
- Rod diameter: 0.176"
- Includes fitted case

Part No. 54-225-456-0

Sale $518.25

List Price $569.51

Vernier Depth Micrometers

Features:
- Base surface hardened and microlapped to 0.00008"
- Ratchet thimble
- Locking clamp
- Rod diameter: 0.176"
- Includes fitted case

52-225-110-0

52-225-116-0

Part No.	Range	Graduation	Accuracy	Base Size	List Price	Sale Price
52-225-110-0	0 - 4"	0.001"	0.0002"	2.5"	$296.65	***$269.95***
52-225-112-0	0 - 6"	0.001"	0.0002"	2.5"	$350.32	***$318.79***
52-225-114-0	0 - 4"	0.001"	0.0002"	4"	$320.50	***$291.66***
52-225-116-0	0 - 6"	0.001"	0.0002"	4"	$375.02	***$341.27***
52-225-035-1	0 - 12"	0.001"	0.00028"	4"	$754.93	***$687.00***

Prices & Specifications are subject to change without notice.

Rapid-Mic
Quick-Displacement Electronic Micrometers
Fastest micrometer on the market!

803.0300.10

Features:
- IP67 protected against fluid and dust
- Non-rotating spindle with 0.39"/10mm travel per thimble rotation
- Adjustable measuring force, 5N/10N (803.0300.10 and 803.0306.10 only)
- Menu customizable with free software
- **Larger sizes and specialty anvil micrometers also available**

Part No.	Range	Accuracy	List Price	Sale Price
803.0300.10	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	$660.23	***$627.22***
903.0600.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	$1,007.34	***$956.97***
903.1000.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	$1,275.14	***$1,211.38***
Set				
903.1300.10	0 - 4"/0 - 102mm		$3,015.84	***$2,865.05***
Bluetooth Models				
803.0306.10	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	$885.80	***$841.51***
903.0606.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	$1,230.85	***$1,169.31***
903.1006.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	$1,504.83	***$1,429.59***
Bluetooth Set				
903.1306.10	0 - 4"/0 - 102mm		$3,637.96	***$3,456.06***
Connectivity Cables/Accessory				
981.7132	Sylcom Basic Data Processing Software		$1,056.78	***$1,003.94***
926.6721.10	Proximity cable with USB connection		$231.75	***$220.16***
926.6723	Proximity cable with serial connection		$231.75	***$220.16***
981.7100	USB Bluetooth receiver		$148.32	***$140.90***

DigiMic **Electronic Micrometer**
The NEW world standard of precision with IP67 and Bluetooth®.

Features:
- IP67 protected against fluid and dust
- Very High Accuracy: 0.00008"/0.002mm (0-1"/25mm)
- Bluetooth IOT ready, no dongle or cable required for SPC data collection
- Super large display (0.460"/11.75mm)
- Carbide measuring surfaces, sleep and absolute modes
- Larger sizes available

Part No. DM025

Sale $518.10

List Price $774.00

Prices & Specifications are subject to change without notice.

UltraliftPlus

The World's Safest Lifter

Lifts up to 4400lbs (flat), 1760lbs (round)

3 Safety Features:

- Locking switch mechanism
- Unique 'Safety Shim': pre-test any load to ensure a 3:1 safety factor
- Locking eye mechanism: magnet cannot be switched off while holding a load

10% OFF

ECLIPSE MAGNETICS

The patented 'safety shim' allows pre-testing of the load to be lifted, irrespective of weight, material type, material thickness and surface condition. If the load passes a 3:1 safety factor is guaranteed.

Part No.	Self Weight (lbs)	Material Length Max (inches)	Flat Section SWL (lbs)	Flat Section Thickness Min (inches)	Round Section SWL (lbs)	Round Section Diameter Max (inches)	List Price
UL0275+	8.8	60	275	0.8	110	8	$783.07
UL0550+	24.2	60	550	1.0	220	12	$1,509.49
UL1100+	59.4	80	1100	1.2	440	16	$2,121.07
UL2200+	138.6	120	2200	1.8	880	18	$3,800.75
UL4400+	345.4	120	4400	2.8	1760	24	$5,482.56

UltraliftLM

Safe, General-Purpose Lifting

Lifts up to 4400lbs (flat), 1760lbs (round)

- Locking switch handle mechanism

10% OFF

ECLIPSE MAGNETICS

Part No.	Self Weight (lbs)	Material Length Max (inches)	Flat Section SWL (lbs)	Flat Section Thickness Min (inches)	Round Section SWL (lbs)	Round Section Diameter Max (inches)	List Price
LM0275	9.9	60	275	0.8	110	10	$536.85
LM0550	18.7	60	550	1.0	220	12	$814.76
LM1100	38.5	80	1100	1.2	440	16	$1,326.36
LM2200	80.3	120	2200	1.8	880	18	$2,400.09
LM4400	173.8	120	4400	2.8	1760	24	$5,242.30

Complete Bases & Stands

Features:
- Solid holding of precision measuring equipment
- For use in measurement, inspection, and positioning of workpieces with dial indicators
- All stands will clamp onto curved and flat surfaces, with the exception of E909 (flat only)

E901

E903CP

E905

E906

E910

E909

10% OFF

Part No. (NA Part No.)	Base Part No.	Switching Type	Fitment Part No.	Fitment Type	Hold (lbs)	List Price
E901 (E901)	E901WF	Push Button	RP991BL	Heavy duty with fine adjustment	176	$438.28
E903CP (E903CP)	E900WF	Push Button	RP72CP	Light duty	66	$251.96
E905 (M19713ASS)	E905WF (M15885)	Lever	RP995BL	Heavy duty	176	$62.67
E906 (M19712ASS)	E905WF (M15885)	Lever	RP991BL	Heavy duty with fine adjustment	176	$66.59
E910 (E910)	E905WF (M15885)	Lever	RP999	Mechanical one piece	176	$131.35
E909 (E909)	834	Non-switchable	RP909FIT	One pillar	31	$48.08

Prices & Specifications are subject to change without notice.

Quick Holding Clamp Switchable

Features:
- ON/OFF switches
- The fast and easy way to hold metal workpieces at 45°, 90°
- Turn the magnet OFF or at the midpoint position when setting up, turn ON when you're ready to work
- Fast and safe set-up!
- Ideal for round and square tubing, angle, and flat stock
- Simple wipe clean design

Part No.	Angles	DImensions (inches)	Pull Force (lbs)	List Price
QHCSS	45°, 90°	4.37 x 3.74 x 1.14	88	$121.77
QHCSL	45°, 90°	5.98 x 5.12 x 1.38	165	$200.94

90° Fixed Welding Clamps Switchable

Features:
- Convenience of ON/OFF switches
- Two ON/OFF switches for independent operation
- Easy and safe set-up!
- Machined flat and V-surfaces are ideal for round and square tubing, angle, and flat stock
- Heavy duty construction

Part No.	Angles	Dimensions (inches)	Pull Force (lbs)	List Price
FWCSS	90°	5.98 x 5.98 x 1.50	121	$200.94
FWCSL	90°	7.76 x 7.76 x 1.89	265	$669.99

Inside and Outside Welding Clamps

Features:
- Hold and position sheet metal, round pipes, square, angled, or flat stock
- Constructed from two independent rectangular magnets for consistent, undiminished magnetic force when both sides are attached to workpieces
- Use mounting holes to link two magnets together for use as fixturing elements
- Use hex hole on magnet for breakaway leverage

Part No.	Angles	Height (inches)	Width (inches)	Thickness (inches)	Pull Force (lbs)	List Price
IOWCC*	30°, 60°, 90°	2.97	2.05	0.55	20	$83.95
	30°, 60°, 90°	4.92	3.35	0.71	33	
IOWCL	30°, 60°, 90°	6.50	4.33	0.79	40	$68.68

*Pack includes 2 clamps

Prices & Specifications are subject to change without notice.

X-TEST®

Horizontal & Vertical Test Indicators

Features:
- Super smooth jeweled movement
- Smooth bezel adjustment for easy zero setting
- Solid brass anti-magnetic housing
- 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- 0.060" range with auto reverse and rev. counter
- Easy to read tilted dial
- 5/32" pivotable stem

52-562-005-0

52-562-001-0

52-562-002-BD

Part No.	Graduation	Dial Size	Dial Reading	List Price	Sale Price
Horizontal					
52-562-001-0	0.0005"	1-1/2"	0 - 15 - 0	$284.71	***$259.09***
52-562-001-BD	0.0005"	1-1/2"	0 - 15 - 0	$284.71	***$259.09***
52-562-002-0	0.0005"	1"	0 - 15 - 0	$284.71	***$259.09***
52-562-002-BD	0.0005"	1-1/2"	0 - 15 - 0	$284.71	***$259.09***
52-562-003-0	0.001"	1"	0 - 15 - 0	$284.71	***$259.09***
52-562-008-0	0.01mm	38mm	0 - 40 - 0	$284.71	***$259.09***
Vertical					
52-562-004-0	0.0005"	1-1/2"	0 - 15 - 0	$334.03	***$260.37***
52-562-005-0	0.0005"	1"	0 - 15 - 0	$334.03	***$260.37***

Test Indicators

All Fowler Test Indicators include bi-directional constant clockwise rotation, automatic reversal, three dovetail mountings, jeweled movement, two dovetail clamps and a molded case.

0.001"
0.0005"
Reading

52-562-776-0

52-562-778-0

Part No.	Dial Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-562-774-0	white	0.030"	0-15-0	0.001"	1"	1/2"	$267.69	***$243.59***
52-562-778-0	black	0.030"	0-15-0	0.0005"	1"	1/2"	$284.52	***$258.91***
52-562-775-0	white	0.030"	0-15-0	0.0005"	1"	1/2"	$284.52	***$258.91***
52-562-776-0	white	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	$297.49	***$270.72***
52-562-780-0	black	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	$297.49	***$270.72***

Prices & Specifications are subject to change without notice.

Premium Dial Indicators

Features:
- AGD Group 2 specifications
- Jeweled movement
- Tolerance markers
- Solid steel housing
- Carbide contact point
- Includes NIST Certification

52-520-135-0 *52-520-105-0* *52-520-110-1*

Part No.	Range	Graduation	Reading	Balanced Reading	Dial Color	List Price	Sale Price
52-520-135-0	0.05"	0.0001"	0 - 10	0 - 5 - 0	White	$382.73	***$290.40***
52-520-105-0	0.50"	0.001"	0 - 100	0 - 50 - 0	White	$189.10	***$144.07***
52-520-110-1	1"	0.001"	0 - 100	—	Black	$199.95	***$159.95***
52-520-110-2	1"	0.001"	0 - 100	—	White	$199.95	***$159.95***
52-520-120-0	2"	0.001"	0 - 100	—	White	$318.78	***$258.13***
52-520-125-0	0.250"	0.0005"	0 - 100	—	White	$263.84	***$201.03***
52-520-129-0	1"	0.0005"	0 - 50	0 - 25 - 0	White	$241.70	***$184.16***
52-520-300-0	10mm	0.01mm	0 - 100	0 - 50 - 0	White	$228.29	***$173.94***
52-520-500-0	25mm	0.01mm	0 - 100	0 - 50 - 0	White	$304.31	***$221.25***

Premium IP54 Shockproof Dial Indicators

Features:
- IP54 protected against fluid and dust
- Includes both center lug back and flat back
- Steel housing
- Sealed plunger, dust-cap and back plate
- Carbide contact point
- 0 - 100 dial reading with revolution counter
- Includes NIST Certification

52-520-460-0 *52-520-465-0*

Part No.	Range	Graduation	Reading	Contact Point	List Price	Sale Price
52-520-460-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	$216.99	***$175.16***
52-520-465-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	$216.99	***$175.16***

Dial Indicator

Features:
- Range: 1"
- AGD Group 2 specifications
- Graduations: 0.001"
- Continuous reading: 0 - 100
- Supplied with lug back for positioning through 90° increments
- Carbide tipped contact points
- Microfine graduations in black for continuous readings and red for balanced readings

Part No. 52-520-110-0

Sale $144.92

List Price $160.03

Prices & Specifications are subject to change without notice.

INDI-X bTue Electronic Indicators

54-520-255-0

54-520-250-0

54-520-260-0

Features:
- Accuracy: ± 0.001"/0.03mm
- Resolution 0.0005"/0.01mm
- 54-520-260-0 also reads 1/64ths
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Tolerance function
- Absolute/incremental reading
- Floating zero

Part No.	Range	List Price	Sale Price
54-520-255-0	0.50"/12.5mm	$253.60	$193.23
54-520-250-0	1"/25mm	$272.83	$221.25
54-520-260-0	1"/25mm	$276.96	$227.11

INDI-X® BT
Electronic Indicators
With Smart Wireless Communication

54-520-285-0

54-520-280-0

Features:
- Wireless communication to most phones and tablets
- Resolution 0.00005"/0.001mm
- Economical bluetooth option
- Includes lifting hook, ceramic ball contact point, 2 specialty contact points (spline and point), NIST cert., lug and flat backs

Part No.	Range	Accuracy	List Price	Sale Price
54-520-280-0	0 - 1"/25mm	0.00035"/0.008mm	$380.11	$323.10
54-520-285-0	0 - 0.50"/12.5mm	0.00030"/0.007mm	$367.57	$312.44

Prices & Specifications are subject to change without notice.

Dial Cylinder Bore Gauges

2-point bore measuring.

Features:
- Carbide Anvils
- Easy-to-read
- Great value
- Graduation: 0.0005", 0.0001" or 0.01mm
- Insulated grip
- 9.5" depth above 1.5"
- Chrome plated handle

52-646-400-0

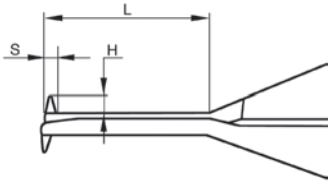
Part No.	Range	Graduation	List Price	Sale Price
52-646-100-0	0.7" - 1.5"	0.0005"	$360.96	***$281.31***
52-646-300-0	2" - 6"	0.0005"	$298.43	***$262.64***
52-646-400-0	1.4" - 6"	0.0005"	$453.59	***$353.61***
52-646-500-0	1.4" - 6"	0.0001"	$588.89	***$518.96***
52-646-220-0	35 - 60mm	0.01mm	$516.54	***$455.15***
Extensions				
52-646-450-0	20" depth extension **Not for use with 52-646-100-0*		$188.39	***$171.43***
52-646-475-0	40" depth extension **Not for use with 52-646-100-0*		$242.29	***$220.49***

Internal & External Electronic Caliper Gauges

54-554-611-0

54-554-711-0

Features:
- Accuracy: ± 0.0008"/± 0.02mm
- Resolution: 0.0002"/0.005mm
- Analog scale for reversal point indication
- Large, LCD display
- Preset capability
- Absolute and incremental measurements modes
- High-impact, aircraft aluminum case
- Rugged housing



Dimensions for Internal Calipers

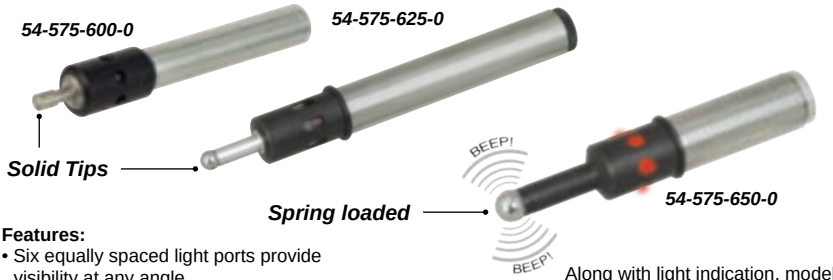
Metric	Inch	L	S	H	Tip Radius
5-15mm	0.2-0.6"	20mm	1.0mm	1.5mm	0.3mm
5-25mm	0.2-1.0"	35mm	1mm	1.5mm	0.3mm
10-30mm	0.4-1.2"	55mm	2mm	3.5mm	0.5mm
20-40mm	0.8-1.6"	80mm	3mm	6.5mm	0.5mm
30-50mm	1.2-2.0"	80mm	3mm	8.5mm	0.5mm

Dimensions for External Calipers

Metric	Inch	L	S	H	Tip Radius
0-10mm	0-0.4"	40mm	3mm	8mm	0.5mm
0-20mm	0-0.8"	80mm	6.5mm	25mm	0.75mm
10-30mm	0.4-1.2"	80mm	6.5mm	25mm	0.75mm
20-40mm	0.8-1.6"	80mm	6.5mm	25mm	0.75mm
30-50mm	1.2-2.0"	80mm	6.5mm	25mm	0.75mm

Part No.	Range	List Price	Sale Price
Internal Caliper Gauges			
54-554-611-0	0.200" - 0.590"/5 - 15mm	$471.68	***$421.44***
54-554-622-0	0.200" - 1"/5 - 25mm	$505.75	***$453.05***
54-554-623-0	0.400" - 1.2"/10 - 30mm	$529.35	***$481.71***
54-554-624-0	0.790" - 1.6"/20 - 40mm	$529.35	***$481.71***
54-554-625-0	1.2" - 2"/30 - 50mm	$529.35	***$481.71***
External Caliper Gauges			
54-554-711-0	0 - 0.400"/0 - 10mm	$471.68	***$421.44***
54-554-722-0	0 - 0.790"/0 - 20mm	$505.75	***$453.05***
54-554-723-0	0.4" - 1.2"/10 - 30mm	$529.35	***$481.71***
54-554-724-0	0.790" - 1.6"/20 - 40mm	$529.35	***$481.71***
54-554-725-0	1.2" - 2"/30 - 50mm	$529.35	***$481.71***

Electronic Edge Finders



Features:
- Six equally spaced light ports provide visibility at any angle
- Edge finder lights instantly when stylus touches work edge
- Repeatability: 0.0002"
- Works on any conductive metal

Along with light indication, model 54-575-650-0 emits an audible "beep" at time of contact with electrically conductive metal.

Part No.	Stylus	Shank	Audible	List Price	Sale Price
54-575-600-0	0.200"	1/2"	NO	$92.92	***$84.56***
54-575-625-0	0.200"	1/2"	NO	$320.82	***$291.95***
54-575-650-0	0.400"	3/4"	YES	$320.82	***$291.95***

Z-CHECK 65 PLUS+ Z-Axis Tool Setter

Features:
- Supplied with zero reference setting block
- IP65 protected against fluid and dust
- 4 magnets embedded into base
- 2" default setting height
- Steel contact surface with 0.0002" flatness
- Resolution: 0.00005"/0.001mm
- Repeatability: 0.00015"/0.004mm
- Accuracy: 0.0001"/0.003mm
- Includes a rugged, aluminum fitted case

Display lights when ZERO reference is reached

Part No. 54-188-200-0

Sale $258.68

List Price $284.27

mini-MAG

The mini-MAG Protractor provides instant 360° digital inclination display of any angle.

Features:
- Accuracy: ± 0.2°
- Resolution: 0.05°
- Repeatability: 0.05°
- Measuring range: 360°
- Embedded magnets
- Display automatically inverts
- Dimensions: 2.375" x 1.375" x 2.375"
- Hold feature
- Battery Life: up to 250 hrs.

Display inverts for easy reading!

Part No. 54-422-450-1

Sale $231.79

List Price $259.92

Prices & Specifications are subject to change without notice.

1-2-3 & 2-4-6 Blocks

Useful in layout and grinding work.

Features:
- 23 holes for easy clamping
- Sold in pairs
- Hardened 56 - 60 HRC
- 1-2-3 blocks have 5 threaded holes, 3/8" - 16
- 2-4-6 blocks have 5 threaded holes, 5/8" - 11

52-439-246-0

Part No.	Description	Accuracy	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	± 0.0002"/1"	$80.54	***$64.43***
52-439-246-0	2-4-6 Blocks	± 0.0003"/1"	$375.90	***$300.72***

Parallel Set

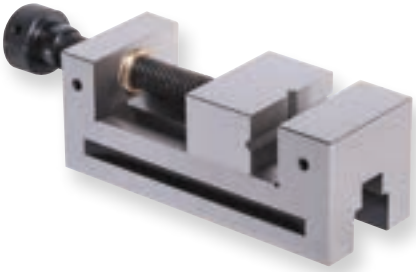
Features:
- 2 each of 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8" heights
- Absolute heights are nominal
- Hardness: 50 HRC, 6" length and 1/8" thickness
- Parallelism: ± 0.0008"
- Paired in height: ± 0.001"

Part No. 52-437-000-0

Sale $508.89 List Price $577.48

Toolmaker's Vise

Toolmaker's Vise makes precision holding possible for inspection, precision jig boring, milling and grinding.



Features:
- Maximum opening: 2.48"
- Dimensions: 6.1" x 1.9" x 2.0"
- Features solid base and front jaw construction
- Parallelism and squareness accuracy: 0.0004"
- Clamping slots on the bottom of the base allow for easily affixing to angle plates, vises, etc.

Part No. 52-466-000-1

Sale $359.54 List Price $425.92

Bolt Cutters
High Tensile, Tubular Handles

High tensile - for cutting hard materials up to 50HRC. Centre cut, strap adjusted bolt cutters with lightweight tubular handles that do not compromise strength – every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximize safety, the built in stops will yield rather than break, while the drop forged jaws are machined to precise specifications for a resilient body and rigid cutting edge.

10% OFF

Part No.	Total Length	Max Cutting Capacity	Pack QTY	List Price
ETBC14	355mm (14")	5mm (3/16")	20	$25.03
ETBC18	460mm (18")	6.4mm (1/4")	10	$29.51
ETBC24	610mm (24")	7.9mm (5/16")	8	$39.87
ETBC30	762mm (30")	9.5mm (3/8")	5	$51.46
ETBC36	915mm (36")	11.1mm (7/16")	4	$65.91

End Cut Bolt Cutter

Pincer movement makes the bolt cutter ideal for cutting in restricted areas or where a side cut is difficult, eg. when cutting off bolt heads. Jaws are drop forged and machined to precise specifications for a resilient body and rigid cutting edge. Handles are solid forged and incorporate safety stops that will yield rather than break.

10% OFF

Part No.	Total Length	Max Cutting Capacity	Pack QTY	List Price
EBC-EC24	600mm (24")	7.9mm (5/16")	1	$69.18

Prices & Specifications are subject to change without notice.

Straight Jaw Locking Pliers

Straight haws are ideal for use with flat, square and hex workpieces. Ideal for welding, HVAC, plumbing, automotive, electrical, and woodworking projects.

Part No.	Size	Max Jaw Capacity	Box QTY	List Price
E7R	175mm (7")	34mm (1.3")	5	$17.55
E10R	250mm (10")	45mm (1.8")	5	$16.67

Curved Jaw Locking Pliers

Designed for gripping and clamping round surfaces.

Part No.	Size	Max Jaw Capacity	Box QTY	List Price
E10CR	250mm (10")	45mm (1.8")	5	$19.38

Curved Jaw Locking Pliers With Wire Cutters

Designed for gripping and clamping round surfaces. Incorporates a wire cutter.

Part No.	Size	Max Jaw Capacity	Box QTY	List Price
E5WR	125mm (5")	33mm (1¼")	5	$14.14
E7WR	175mm (7")	34mm (1½")	5	$16.24
E10WR	250mm (10")	45mm (1.8")	5	$18.26

Locking C-Clamp With Swivel Pads

The wide opening jaws are designed to reach around and grip awkward shapes while the swivel pad protects delicate workpieces from damage. Provide a deep reach.

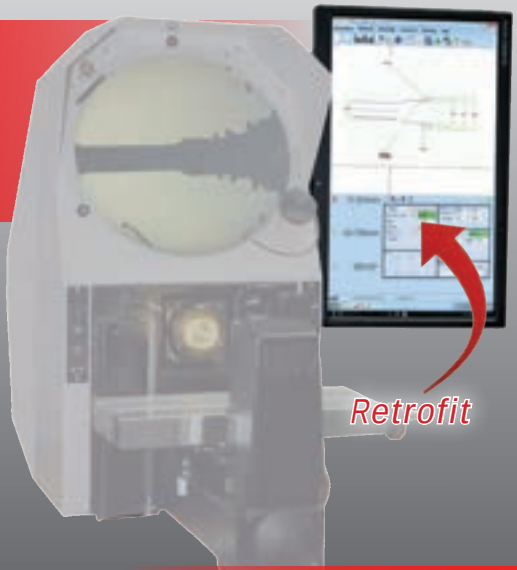
Part No.	Size	Max Jaw Capacity	Box QTY	List Price
E6SP	150mm (6")	44mm (1.7")	5	$18.60
E11SP	275mm (11")	80mm (3.1")	5	$29.22

Profile Projector Retrofit

Simple, plug and play

baty

Improve your optical comparator functionality and accuracy!



With our retrofit program you can dramatically enhance the functionality of your current optical comparator.
Advanced error mapping - increase accuracy of your comparator. Comprehensive reporting including dimensioned drawing, SPC and EXCEL™ compatible first article inspection reports.

Compatible comparator types:
- Baty
- Starrett
- Mitutoyo
- Tesa

Upgrades include:
- 22" touch screen
- Intel NUC mini PC - Windows 10 OS
- Fusion FT2-E metrology software
- Optical edge sensor - remove operator influence
- Fast data point acquisition
- Entire system is plug and play
- Best fitting of profile data to imported DXF files - No Overlays!

Starting from:
$ 4,931.00

1SOURCE METROLOGY
Powered by Innovation and Precision

465 Pinebush Rd., Unit #2
Cambridge, ON N1T 2J4
905-469-8821
support@1sourcemetrology.com
www.1sourcemetrology.com