

ECLIPSE

TOOLS NORTH AMERICA INC

TOOL-A-THON



Volume 24.2

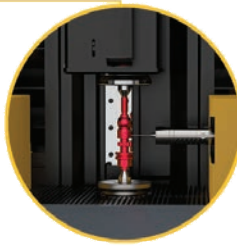
VALID JULY 1ST - DECEMBER 31ST, 2024



Sylvac SCAN S145L-P With Renishaw SP25M 3D Probe

Complete measurement with a single system!

NEW!



GAME CHANGER!

NOW AVAILABLE WITH 3D PROBE: the addition of the Renishaw SP25M probe offers a multi-sensor solution for characteristics not visible with optics.

Features:

- Seamless integration with combined sensor measurements
- Easy programming thanks to user-friendly functions
- Full touch probe scanning capability for measuring form
- Interchangeable probe stylus increased access
- Automated probe qualification routine
- Full part measurement in just a few seconds
- Measuring range: 5.7"/145mm diameter, 50.3"/1280mm length
- Reduce inspection time & scrap, increase productivity
- High resolution and high accuracy
- Typical measurements include: hole and slot size, location and form, roundness, radial and axial runout

Part No. 54-167-050-0

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



Demo Sale 30% OFF!

Call the Sales Team at Eclipse Tools NA Inc. for pricing! 1-800-260-2124

Part No. 54-902-025-5



Sylvac SCAN F60T

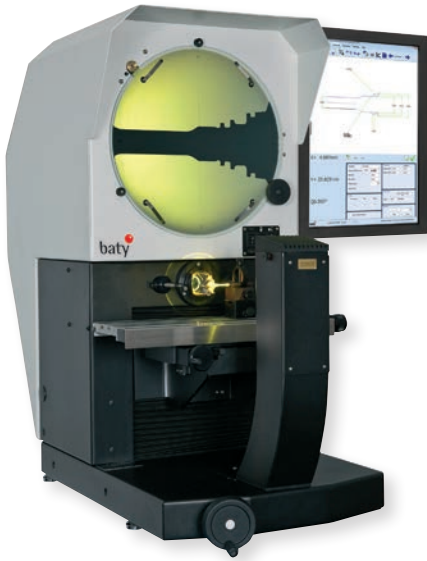
For Larger Parts!

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 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

*Call the Sales Team at Eclipse Tools NA Inc.
to arrange for a demo! 1-800-260-2124*

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.

Trimos A-Line Portable Measuring Arm **DEMO UNIT SALE**

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

Demo Unit Includes:

Aberlink software, the A3-1800 Arm, and Laptop



Demo Sale 20% OFF!

Call the Sales Team at Eclipse Tools NA Inc. for pricing! 1-800-260-2124

Part No. A3-1800-W

Trimos Height Gauges V1 & V1+

Tough gauges for the modern workshop!



Features:

- Robust and Easily Portable
- Clear, Simple User Interface
- Counterweight for Operational Comfort
- Quick and Smooth Carriage movement
- Designed and manufactured in Switzerland
- Bidirectional Measurement Capability (V1+)
- Measuring Force Management (V1+)
- Available in 300 and 600 mm models

NEW!

Part No.	Range	List Price	<i>Sale Price</i>
V1			
V1-300	12"/306mm	\$3,708.00	\$3,522.60
V1-600	24"/611mm	\$4,017.00	\$3,816.15
V1+			
V1+-300	12"/306mm	\$5,368.88	\$5,100.44
V1+-600	24"/611mm	\$5,562.00	\$5,283.90

Baty Venture FV

NEW!

Features:

- Measure up to 999 dimensions in 1 second
- Fully automatic inspection with CNC playback
- 100 x 80mm measuring range
- Motorized Auto-Focus with 75mm travel
- Programmable LED lighting with motorized control
- Double telecentric optics for high accuracy
- Automatic measurement, extract features from the scanned part
- Auto program from CAD, features, dimensions and tolerances
- Full reporting and SPC with immediate on screen PASS/FAIL classification
- Simple, easy to use sw and user interface
- Character recognition - identify part numbers in a batch

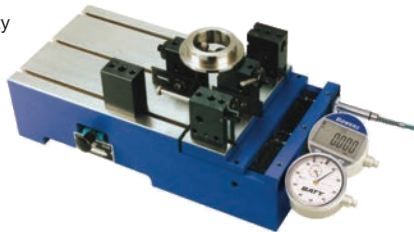


Call the Sales Team at Eclipse Tools NA Inc. to arrange for a demo! 1-800-260-2124

Bowers Checkmaster Comparator

Features:

- Unique 3 gauge station and readout capability
- Remarkable versatility and repeatability
- Accepts most dial indicators, digital indicators (12.7mm travel) and Gauging Probes
- Excellent gauge repeatability and reproducibility (G.R. & R.) capability
- Exceptionally tough for shopfloor on-line inspection
- Measuring force, with adjustable setting
- Multi functional
- Ideal for SPC and 100% inspection
- Left or right hand operation



Part No.	List Price	Sale Price
Without Indicator		
1060-Li	\$1,848.85	\$1,663.97

Prices & Specifications are subject to change without notice.

Trimos V Series Electronic Height Gauges

The Trimos V series 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:

- Electronically adjustable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries last up to 40 hours
- Bluetooth transmitter available
- **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



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

V-Series Electronic Height Gauges Comparison Chart

24.2

	V9	V8	V7	V6	V5	V4	V3
Accuracy							
1.2 + L(mm)/1000 µm	✓	✓					
2 + L(mm)/400 µm			✓	✓			
2.5 + L(mm)/300 µm					✓		
4.5 - 6 µm						✓	
7 - 8 µm							✓
Range							
400/700mm	✓	✓	✓	✓	✓	✓	✓
1100mm	✓	✓	✓	✓	✓		
Smart Reverse for Ø	✓	✓	✓	✓	✓	✓	✓
Air Cushion	✓	✓	✓	✓	✓	✓	
Wireless Option	✓	✓	✓	✓	✓	✓	
Manual/Motorized	✓		✓	✓	✓		
Manual ONLY		✓				✓	✓
Fine Adjustment		✓					
Color Display	✓		✓				
2D Measuring	✓		✓				

Height Gauges

Part No.	Range	List Price	Sale Price
V3			
V3-400	16"/407mm	\$6,098.05	\$5,793.15
V3-700	28"/711mm	\$6,757.93	\$6,420.03
V4			
V4-400	16"/407mm	\$7,551.49	\$7,173.92
V4-700	28"/711mm	\$8,704.68	\$8,269.45
V5			
V5-400	16"/407mm	\$8,704.68	\$8,269.45
V5-700	28"/711mm	\$10,242.99	\$9,730.84
V5-1100	43.7"/1110mm	\$15,107.22	\$14,351.86
V6			
V6-400	16"/407mm	\$10,752.22	\$10,214.61
V6-700	28"/711mm	\$11,521.37	\$10,945.30
V6-1100	43.7"/1110mm	\$16,645.52	\$15,813.24
V7			
V7-400	16"/407mm	\$13,828.83	\$13,137.39
V7-700	28"/711mm	\$14,635.12	\$13,903.36
V7-1100	44"/1100mm	\$22,103.85	\$20,998.66
V8 - Fine Adjustment			
V8-400	16"/407mm	\$19,061.54	\$18,108.46
V8-700	28"/710mm	\$20,485.72	\$19,461.43
V8-1100	43"/1109mm	\$30,461.98	\$28,938.88
V9			
V9-400	16"/407mm	\$15,367.14	\$14,598.78
V9-700	28"/710mm	\$16,263.60	\$15,450.42
V9-1100	43"/1109mm	\$33,492.75	\$31,818.11
Probe Sets			
TA-SE-105	4mm Probe Set, 21 piece	\$2,740.92	\$2,603.87
TA-SE-106	8mm Probe Set, 16 piece	\$2,042.79	\$1,940.65
TA-SE-107	8mm Basic Probe Set, 7 piece	\$790.98	\$751.43
Accessories			
TA-IH-127	12"/300mm Holder - for 8mm probes	\$1,571.51	\$1,492.93
TA-EL-022	Bluetooth transmitter (Not available for V3 models)	\$933.08	\$886.43
981.7161.10	Vmux software - for connecting multiple units to one PC	\$588.08	\$558.67



Sylvac Hi_Cal V2 Electronic Height Gauges

For your finer, more delicate parts.



**SWISS
MADE**



**3 YEAR
WARRANTY**



830.0156



830.0306



830.0456

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

Full Probe Set



930.2150

Basic Probe Set



930.2151

Part No.	Range	Accuracy	List Price	Sale Price
830.0156	6"/150mm	0.00013"/0.0034mm	\$6,128.50	\$5,822.08
830.0306	12"/300mm	0.00016"/0.0042mm	\$6,489.00	\$6,164.55
830.0456	17.5"/450mm	0.00020"/0.005mm	\$7,570.50	\$7,191.98
Accessories				
930.2150	Full Probe Set		\$1,647.58	\$1,565.20
930.2151	Basic Probe Set		\$1,099.81	\$1,044.82

Moore & Wright Digital Height Gauge 190 Series

Features:

- Easy to read digital display
- Modern design
- 'Soft keys' for maximum operating comfort



Part No.	Range	Size of Base	List Price	<i>Sale Price</i>
MW190-30DBL	0-12"/0-300mm	125x85mm	\$599.10	\$539.19
MW190-60DBL	0-24"/0-600mm	150x110mm	\$947.84	\$853.06

Moore & Wright Digital Height Gauge 193 Series

Features:

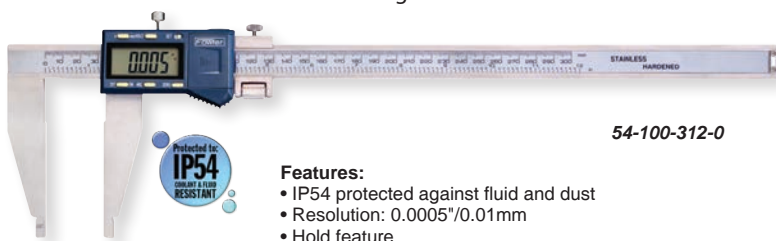
- Easy to read LCD display
- Ground & Micro lapped measuring surfaces
- Functions: mm/inch conversion, on/off, zero setting, preset



Part No.	Range	Resolution	Accuracy	List Price	<i>Sale Price</i>
MW193-30DBL	0-12"/0-300mm	0.01mm	300mm version +/- 0.040mm	\$989.73	\$890.75
MW193-60DBL	0-24"/0-600mm	0.01mm	600mm version +/- 0.050mm	\$1,368.31	\$1,231.48

XTRA-RANGE® Digital Calipers

For large measurements



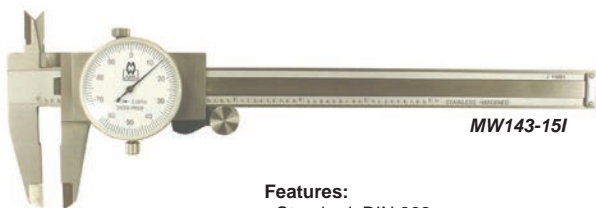
54-100-312-0

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
54-100-024-1	0 - 24"/600mm	± 0.003"/0.075mm	4"	\$792.00	\$713.48

Moore & Wright Dial Calipers



MW143-15I

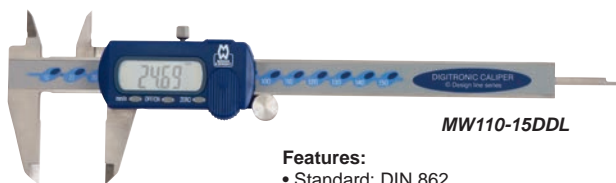


Features:

- Standard: DIN 862
- High-quality shockproof dial caliper
- Hardened stainless steel rack

Part No.	Range	Resolution	List Price	Sale Price
MW143-15I	0-6"/0-150mm	0.001"/0.03mm	\$87.60	\$78.84
MW143-20I	0-8"/0-200mm	0.001"/0.03mm	\$107.07	\$96.36
MW143-30I	0-12"/0-300mm	0.001"/0.03mm	\$171.96	\$154.76

Moore & Wright Digital Calipers



MW110-15DDL



Features:

- Standard: DIN 862
- Easy to read LCD display
- Ground micro-lapped measuring surfaces

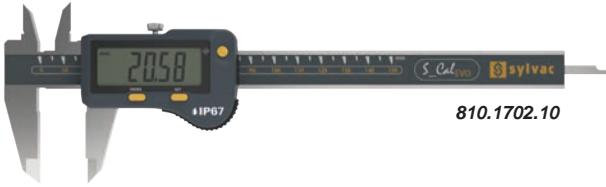
Part No.	Range	Resolution	Length of Jaws	List Price	Sale Price
MW110-15DDL	0-6"/0-150mm	0.0005"/0.01mm	40mm	\$134.12	\$120.71
MW110-20DDL	0-8"/0-200mm	0.0005"/0.01mm	50mm	\$177.05	\$159.35
MW110-30DDL	0-12"/0-300mm	0.0005"/0.01mm	60mm	\$258.26	\$232.43

Sylvac Swiss Electronic Calipers

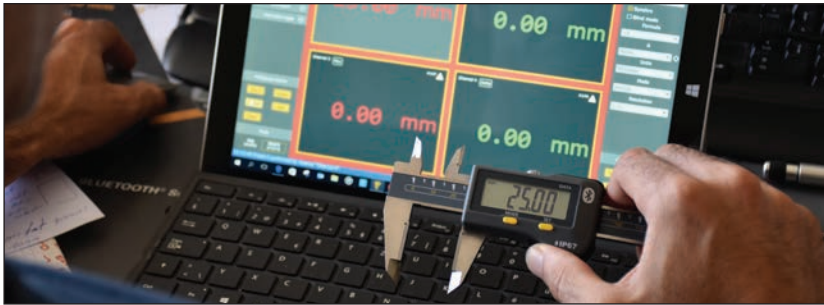
3 styles to suit your needs.



810.1506.10



810.1702.10



Features:

- IP67 protected against fluid and dust
- Available with Bluetooth, proximity cable or no SPC output
- Heavy duty frame
- Extra large display
- Available with ISO Cert
- 12"/300mm is supplied without depth rod

3 YEAR WARRANTY ✓

sylvac **SWISS PRECISION**



Calibration certificates available for all sizes.

Part No.	Range	Accuracy	Resolution	List Price	Sale Price
Bluetooth Communication					
810.1506.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$447.70	\$425.32
810.1526.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$673.67	\$639.99
810.1536.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$832.81	\$791.17
Proximity Cable Communication					
810.1702.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$288.56	\$274.13
810.1722.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$476.34	\$452.52
810.1732.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$608.96	\$578.51
Without Data Output					
810.1502.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$238.70	\$226.77
810.1522.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$382.98	\$363.83
810.1532.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$520.90	\$494.86
Connectivity Cables/Accessories					
981.7132	Sylcom Basic Data Processing Software			\$1,207.11	\$1,146.75
926.6721.10	Proximity cable with USB Connection			\$237.29	\$225.43
926.6723	Proximity cable with Serial Connection			\$237.29	\$225.43
981.7100	USB Bluetooth Receiver			\$152.77	\$145.13

Prices & Specifications are subject to change without notice.

Sylvac Electronic Indicators

Features:

- IP54 protected against fluid and dust
- Repeatability: 2µm
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Menu 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



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	\$724.59	\$688.36
805.5301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$904.95	\$859.70
805.5401.10	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	\$868.88	\$825.44
805.5501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$1,049.23	\$996.77
805.5621.10	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	\$1,443.88	\$1,371.69
Bluetooth					
805.6301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$1,050.29	\$997.78
805.6501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$1,248.68	\$1,186.25
Accessories					
981.7132	Sylcom Basic Data Processing Software			\$1,207.11	\$1,146.75
981.7100	USB Bluetooth Receiver			\$152.77	\$145.13

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	\$266.86	\$163.79
52-562-002-0	0.0005"	1"	0 - 15 - 0	\$266.86	\$163.79
Vertical					
52-562-005-0	0.0005"	1"	0 - 15 - 0	\$268.18	\$194.19

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")



Part No.	Range	Contact Point Length	List Price	Sale Price
805.4321.10	0.030"/0.80mm	1/2"	\$909.97	\$864.47
805.4322.10	0.080"/2.0mm	1-7/16"	\$1,037.90	\$986.01
805.4323.10	0.030"/0.80mm	1/2"	\$1,132.82	\$1,076.18
	0.080"/2.0mm	1-7/16"		
Accessories				
981.7132	Sylcom Basic Data Processing Software		\$1,207.11	\$1,146.75
981.7100	USB BT Receiver		\$152.77	\$145.13

Granite Dial Gauge Stand

Sturdy with 0.00005" flatness

Features:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Column height is 8"
- Accepts all lug-back indicators
- This stand is maintenance free
- Indicator sold separately



Part No. 52-580-030-0

Sale \$220.⁴⁸

List Price \$232.08

Bowers **BLUETOOTH**



XTH3 Bluetooth Holematic Pistol Grips

Features:

- 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



SXTH6i-BT

For special application heads, contact the Eclipse Sales Team 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	\$2,883.53	\$2,595.18
XTH25i-BT	1" - 1.375"/25 - 35mm	1 head, 1 handle, 1 ring	\$3,116.92	\$2,805.23
XTH35i-BT	1.375" - 2"/35 - 50mm	1 head, 1 handle, 1 ring	\$3,304.70	\$2,974.23
Pistol Grip Complete Sets				
SXTH1i-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	\$7,655.45	\$6,889.91
SXTH3i-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	\$2,918.54	\$2,626.69
SXTH4i-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$3,444.74	\$3,100.24
SXTH5i-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	\$4,438.81	\$3,994.93
SXTH6i-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$4,965.01	\$4,468.51
SXTH7i-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$4,438.81	\$3,994.93
SXTH8i-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	\$5,959.08	\$5,363.17
SXTH9i-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	\$9,526.88	\$8,574.19
SXTH11i-BT	0.750" - 4"/20 - 100mm	6 heads, 1 handle, 4 rings	\$7,421.00	\$6,678.90
SXTH10i-BT	0.250" - 0.750"/6 - 20mm	5 heads, 1 handle, 3 rings	\$4,087.65	\$3,678.89
Connectivity Cables/Accessory				
926.6721.10	Proximity cable with USB connection		\$237.29	\$225.43
926.6723	Proximity cable with serial connection		\$237.29	\$225.43
981.7100	USB bluetooth receiver		\$152.77	\$145.13

Bore Gauging Systems



XTD3 Bluetooth Electronic Holemikes

BIGGEST SALE EVER

Features:

- Coolant proof, dust proof - IP67
- Resolution: 0.0005"/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



BOWERS GROUP



Part No.	Range	Includes	List Price	Sale Price
Holemike Individual Sets (Traditional style)				
2-Point Heads				
XTD1i-BT	0.080" - 0.100"/2 - 2.5mm	1 head, 1 handle, 1 ring	\$2,976.89	\$2,679.20
XTD2i-BT	0.100" - 0.120"/2.5 - 3mm	1 head, 1 handle, 1 ring	\$2,976.89	\$2,679.20
XTD3i-BT	0.120" - 0.160"/3 - 4mm	1 head, 1 handle, 1 ring	\$2,975.82	\$2,678.24
XTD4i-BT	0.160" - 0.200"/4 - 5mm	1 head, 1 handle, 1 ring	\$2,975.82	\$2,678.24
XTD5i-BT	0.200" - 0.250"/5 - 6mm	1 head, 1 handle, 1 ring	\$2,975.82	\$2,678.24
3-Point Heads				
XTD6i-BT	0.250" - 0.312"/6 - 8mm	1 head, 1 handle, 1 ring	\$2,099.52	\$1,889.57
XTD8i-BT	0.312" - 0.375"/8 - 10mm	1 head, 1 handle, 1 ring	\$2,099.52	\$1,889.57
XTD10i-BT	0.375" - 0.500"/10 - 12.5mm	1 head, 1 handle, 1 ring	\$2,099.52	\$1,889.57
XTD12i-BT	0.500" - 0.625"/12.5 - 16mm	1 head, 1 handle, 1 ring	\$2,157.87	\$1,942.08
XTD16i-BT	0.625" - 0.750"/16 - 20mm	1 head, 1 handle, 1 ring	\$2,157.87	\$1,942.08
XTD20i-BT	0.750" - 1"/20 - 25mm	1 head, 1 handle, 1 ring	\$2,567.38	\$2,310.64
XTD25i-BT	1" - 1.375"/25 - 35mm	1 head, 1 handle, 1 ring	\$2,918.54	\$2,626.69
XTD35i-BT	1.375" - 2"/35 - 50mm	1 head, 1 handle, 1 ring	\$3,035.23	\$2,731.71
XTD50i-BT	2" - 2.625"/50 - 65mm	1 head, 1 handle, 1 ring	\$3,328.04	\$2,995.24
XTD65i-BT	2.625" - 3.250"/65 - 80mm	1 head, 1 handle, 1 ring	\$3,328.04	\$2,995.24
XTD80i-BT	3.250" - 4"/80 - 100mm	1 head, 1 handle, 1 ring	\$3,503.09	\$3,152.78
XTD100i-BT	4" - 5"/100 - 125mm	1 head, 1 handle, 1 ring	\$3,678.14	\$3,310.33
XTD125i-BT	5" - 6"/125 - 150mm	1 head, 1 handle, 1 ring	\$3,795.90	\$3,416.31
XTD150i-BT	6" - 7"/150 - 175mm	1 head, 1 handle, 1 ring	\$4,146.00	\$3,731.40
XTD175i-BT	7" - 8"/175 - 200mm	1 head, 1 handle, 1 ring	\$4,380.46	\$3,942.41
XTD200i-BT	8" - 9"/200 - 225mm	1 head, 1 handle, 1 ring	\$5,316.17	\$4,784.55
XTD225i-BT	9" - 10"/225 - 250mm	1 head, 1 handle, 1 ring	\$5,842.38	\$5,258.14
XTD250i-BT	10" - 11"/250 - 275mm	1 head, 1 handle, 1 ring	\$6,017.42	\$5,415.68
XTD275i-BT	11" - 12"/275 - 300mm	1 head, 1 handle, 1 ring	\$6,543.63	\$5,889.27
Holemike Complete Sets (Traditional style)				
SXTD1i-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	\$7,011.49	\$6,310.34
SXTD3i-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	\$2,800.78	\$2,520.70
SXTD4i-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$3,386.39	\$3,047.75
SXTD5i-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	\$4,672.20	\$4,204.98
SXTD6i-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$5,140.06	\$4,626.05
SXTD7i-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$4,322.11	\$3,889.90
SXTD8i-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	\$5,784.03	\$5,205.63
SXTD9i-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	\$9,234.07	\$8,310.66
Connectivity Cables/Accessory				
926.6721.10	Proximity cable with USB connection		\$237.29	\$225.43
926.6723	Proximity cable with serial connection		\$237.29	\$225.43

Prices & Specifications are subject to change without notice.

Bowers XT-Series Holemikes

Vernier Bore Micrometers



XTA25I

MXTA10I



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



SXTA5I

Part No.	Range	Grads.	Meas. Accuracy	Ring Depth	Ring Included	List Price	<i>Sale Price</i>
MXTA6I	0.250" - 0.312"	0.00025"	0.00015"	2.28"	0.312"	\$660.94	\$594.85
MXTA8I	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	\$614.26	\$552.83
MXTA10I	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	\$614.26	\$552.83
MXTA12I	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	\$614.26	\$552.83
MXTA16I	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	\$619.57	\$557.61
XTA20I	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	\$684.28	\$615.85
XTA25I	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	\$977.09	\$879.38
XTA35I	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	\$994.06	\$894.65
XTA50I	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	\$1,193.51	\$1,074.16
XTA65I	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	\$1,193.51	\$1,074.16
XTA80I	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	\$1,514.97	\$1,363.47
Sets							
SMXTA2I	0.250" - 0.375"	2 heads, 2 handles, 1 ring				\$3,795.90	\$3,416.31
SMXTA4I	0.375" - 0.750"	3 heads, 3 handles, 2 rings				\$1,655.00	\$1,489.50
SXTA5I	0.750" - 2"	3 heads, 3 handles, 2 rings				\$2,614.06	\$2,352.65
SXTA6I	2" - 4"	3 heads, 3 handles, 2 rings				\$3,503.09	\$3,152.78

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	\$8,584.68	\$7,726.22
USET3DW	0.236" - 0.393"/6 - 10mm	Includes: handle, rings & heads	\$5,205.61	\$4,685.05
USET4DW	0.393" - 0.787"/10 - 20mm	Includes: handle, rings & heads	\$6,579.97	\$5,921.97
USET7DW	0.236" - 0.787"/6 - 20mm	Includes: handle, rings & heads	\$7,954.06	\$7,158.65
USET8DW	0.787" - 1.97"/20 - 50mm	Includes: handle, rings & heads	\$8,606.47	\$7,745.82
USET9DW	1.97" - 3.94"/50 - 100mm	Includes: handle, rings & heads	\$9,420.87	\$8,478.78
USET10DW	0.787" - 3.94"/20 - 100mm	Includes: handle, rings & heads	\$13,795.32	\$12,415.79
Digital Displays				
804.1062	Sylvac D62S Digital Display		\$2,061.71	\$1,958.62
804.1063.10	Sylvac D62S Advanced Digital Display		\$2,644.82	\$2,512.58

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 sales team 1-800-260-2124

Part No.	Description	List Price	Sale Price
SMG010M	0.037" - 0.096"/0.95 - 2.45mm	\$5,281.16	\$4,753.04
SMG011M	0.060" - 0.167"/1.5 - 4.25mm	\$4,971.38	\$4,474.24
SMG012M	0.089" - 0.250"/2.25 - 6.35mm	\$5,246.15	\$4,721.54
Connectivity Cables			
926.6721.10	Proximity cable with USB connection	\$237.29	\$225.43
926.6723	Proximity cable with serial connection	\$237.29	\$225.43

Prices & Specifications are subject to change without notice.

Moore & Wright Cylinder Bore Gauge Set

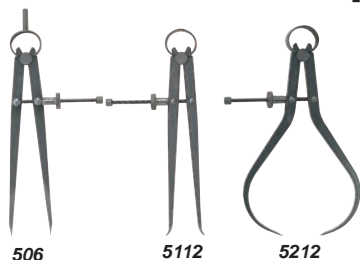
Features:

- Interchangeable contact points
- Supplied with dial indicator



Part No.	Range	Resolution	List Price	Sale Price
MW316-051	2-6"	0.0005"/0.01mm	\$173.04	\$155.74

Moore & Wright Dividers and Inside/Outside Calipers



Features:

- Bow spring ensures uniform tension over working range
- Centrally mounted adjustment screw offers finer setting, than firm joint type
- Manufactured from polished tool steel



Part No.	Size	Pack Quantity	List Price	Sale Price
Dividers				
506	6"/150mm	5	\$32.19	\$28.97
508	8"/200mm	1	\$37.54	\$33.79
5012	12"/300mm	1	\$62.29	\$56.06
Inside				
5112	12"/300mm	1	\$55.81	\$50.23
Outside				
5212	12"/300mm	1	\$53.21	\$47.89

Moore & Wright Traditional Inside/Outside Calipers



Features:

- Manufactured from polished tool steel
- A large headed nut & screw assembly provides a firm & rigid friction joint, with no play
- The sizes listed are the effective leg length which is measured from the joint assembly



Part No.	Size	Pack Quantity	List Price	Sale Price
Inside Calipers, Firm Joint				
3306	6"/150mm	5	\$26.19	\$23.57
3308	8"/200mm	1	\$34.89	\$31.40
33012	12"/300mm	1	\$58.40	\$52.56
Outside Calipers, Firm Joint				
3316	6"/150mm	6	\$26.19	\$23.57
3318	8"/200mm	8	\$38.59	\$34.73
33112	12"/300mm	12	\$89.55	\$80.60
33118	18"/450mm	18	\$245.12	\$220.61
33124	24"/600mm	24	\$323.15	\$290.84

Outside Vernier Micrometers

24.1

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	<i>Sale Price</i>
52-240-001-1	0 - 1"	± 0.00016"	Friction	\$82.24	\$71.60
52-240-101-1	0 - 1"	± 0.00016"	Ratchet	\$82.24	\$53.70
52-240-002-1	1" - 2"	± 0.00016"	Friction	\$95.63	\$82.34
52-240-102-1	1" - 2"	± 0.00016"	Ratchet	\$109.45	\$69.81
52-240-003-1	2" - 3"	± 0.0002"	Ratchet	\$111.74	\$72.50
Sets					
52-215-003-1	0 - 3" with standards and fitted shop hardened case			\$327.93	\$197.36
52-215-004-1	0 - 4" with standards and fitted shop hardened case			\$469.83	\$300.73
52-215-006-1	0 - 6" with standards and fitted shop hardened case			\$797.55	\$508.83
52-215-012-1	0 - 12" with standards and fitted wooden case			\$2,417.85	\$2,056.81
52-215-612-1	6 - 12" with standards and fitted wooden case			\$1,595.09	\$1,356.88

DigiMic Electronic Micrometer

The 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
- Carbide measuring surfaces, sleep and absolute modes



Part No. DM025

Sale \$533.64

List Price \$797.22

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	\$680.04	\$646.04
903.0600.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$1,037.56	\$985.68
903.1000.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,313.39	\$1,247.72
Set				
903.1300.10	0 - 4"/0 - 102mm		\$3,106.32	\$2,951.00
Bluetooth Models				
803.0306.10	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$912.37	\$866.75
903.0606.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$1,267.78	\$1,204.39
903.1006.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,549.97	\$1,472.47
Bluetooth Set				
903.1306.10	0 - 4"/0 - 102mm		\$3,747.10	\$3,559.75

Moore & Wright ELS Engineers Level



24.2

Features:

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



Part No.	Resolution	Base Length	List Price	Sale Price
MW-ELS	0.01"/0.3mm	165mm x 34mm x 46mm	\$402.37	\$362.13

Moore & Wright ELM Engineers Level



Features:

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



Part No.	Resolution	Base Length	List Price	Sale Price
MW-ELM	0.01"/0.3mm	310mm x 36mm x 58mm	\$434.76	\$391.28

Shop Tools

TOOLS NORTH AMERICA, INC
ECLIPSE

Moore & Wright Telescopic Gauge Set 8-150mm

Features:

- For quick inside measurement and determination of inside diameters
- Spring loaded plunger that expands in the bore or groove
- Satin Chromed body
- With auto extension and direct locking
- Measuring faces are hardened and micro-lapped

Range:

8-12.7mm
12.7-19mm
19-32mm
32-54mm
54-90mm
90-150mm



Part No. MW-315-01

Sale \$73.⁵⁸

List Price \$81.76

Moore & Wright Scriber Pocket Carbide Tipped

Features:

- Supplied with spare Carbide tip
- Handy magnetic end
- Pocket clip
- Pearl Chrome finish
- 140mm



Part No. MW-SCT001XR

Sale \$10.²⁹

List Price \$11.43

Moore & Wright Scriber Pocket Carbide Tipped

Features:

- Pocket clip
- Pearl Chrome finish
- 150mm



Part No. MW-SCT002R

Sale \$4.⁶⁷

List Price \$5.19

Moore & Wright Engineers Square

Features:

- Standard: BS939
- Workshop Grade B
- Precision ground blade and stock



Part No.	Blade Length	Approx. Stock Length (Inside Face)	List Price	Sale Price
4003	3"	1.92"	\$28.60	\$25.74
4004	4"	2.20"	\$30.40	\$27.36
4006	6"	3.20"	\$50.07	\$45.06
4009	9"	4.25"	\$84.36	\$75.92
40012	12"	5.47"	\$154.44	\$139.00

Moore & Wright Vee Blocks, Standard Pair

Features:

- Supplied in matched and numbered pairs only
- Manufactured from close grained cast iron
- Ground faces



Part No.	Range	Width	Length	Height	Accuracy	List Price	Sale Price
214	5.0"	6.0"	2.0"	4.0"	0.002"	\$312.96	\$281.66
215	6.4"	7.2"	2.4"	5.2"	0.0025"	\$527.57	\$474.81

Moore & Wright Combination Set

Features:

- Square head, protractor head and centre head
- For various measuring and marking applications
- Stainless Steel rule with engraved graduations
- 4 items in set



Part No.	Range	List Price	Sale Price
MW520-01	180 degrees	\$177.05	\$159.35

CV Instruments Surface Roughness Tester

Features:

- Pocket-sized and economically priced!
- External and internal finish testing with swivable tracer
- Ra and Rz parameters in one instrument and all available after each individual test
- Standard 9V battery
- Three cut-off 0.25mm, 0.8mm and 2.5mm, adjustable to 1-3-5 times
- IPX-104 with data output



Part No. IPX-104

Sale \$2,322.⁷⁵

List Price \$2,580.83

CV Instruments Surface Roughness Tester

Features:

- Large range of test parameters RX, Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr
- 128 x 64 OLED dot matrix display, digital/graphic display; highlight no perspective
- Large memory, can store 100 groups of original data and waveform
- Display information, can display all the parameters and graphics
- Compatible with ISO, DIN, ANSI, JIS national standards
- Built-in Li-ion rechargeable battery
- Working time > 20 hours of continuous work
- Automatic shutdown and power saving function
- Connected to PC and printer



Part No. IPX-105

Sale \$2,646.²⁹

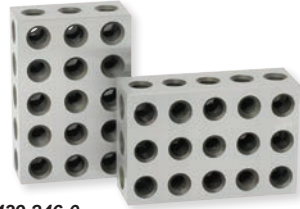
List Price \$2,940.32

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

Useful in layout, inspection and grinding work

Features:

- 23 holes for easy clamping
- Sold in pairs
- Hardened 56 - 60 HRC
- Both styles include 5 threaded holes, 3/8" - 16



52-439-246-0

Part No.	Description	Accuracy	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	± 0.0001"/1"	\$82.95	\$51.02
52-439-032-0	1-2-3 Blocks	± 0.0002"/1"	\$172.69	\$155.74
52-439-246-0	2-4-6 Blocks	± 0.0003"/1"	\$338.31	\$272.35

COAX-2D 2 Dimensional Coaxial Indicator Sets

Use the 2D Coaxial Set for accurate component centering and positioning in most machining applications. The dial remains stationary during the rotation of the machine spindle.

Features:

- Graduations and revolution counter 0.0005"/0.01mm
- 3 internal and 3 external feelers; ball dia.: 1/8" (3mm)
- Includes center point feeler and staining arm
- Restraining arm
- Shank: 3/8" dia. x 7/8" long (10mm x 20mm)
- Measuring range: 0.250" (6mm) axis offset
- Speed recommended 800 RPM max.
- Repeatability to within 0.0002" (0.005mm) of true center
- Capacity, depending on feeler is 5/32-12"/4-300mm) internal diameter; 0-12"/0-300mm external diameter



52-710-025-0

Part No.	Description	List Price	Sale Price
52-710-025-0	2D Coaxial Set - Inch	\$514.57	\$385.93
52-710-030-0	2D Coaxial Set - Metric	\$426.04	\$319.53

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

Part No.	Stylus	Shank	Audible	List Price	Sale Price
54-575-600-0	0.200"	1/2"	NO	\$92.92	\$62.91
54-575-625-0	0.200"	1/2"	NO	\$288.75	\$261.86
54-575-650-0	0.400"	3/4"	YES	\$333.65	\$300.75

CV Instruments Portable Hardness Tester

Features:

- Colour display (320x240 TFT) with adjustable backlight
- Hardness scales, HRA, HB for D impact device of alloy tool steel; HV for cast aluminium alloy
- New user material function, user can define own test range
- Converts to all common hardness scales (HV, HB, HRC, HRB, HRA, HS)
- USB interface
- Seven impact devices are available for special applications
- Max 600 groups (impact times:32~1)
- Upper and lower limit with sound alarm
- Large LED display with backlight display
- Software calibration function
- Rechargeable Li battery with extra-long working time (approx. 200 h)
- Rechargeable Li battery with extra-long working time (approx. 200 h)



Part No. IPX-360

Sale \$1,246.⁹⁹

List Price 1,385.54

CV Instruments Rockwell Type Hardness Tester

Features:

- Basic regular Rockwell type tester offering accuracy, reliability and durability at an extremely affordable price
- Rugged construction, will stand up to the harshest environments
- Direct analogue reading of HRC, B, A, F
- Accuracy conforms to EN-ISO 6508 and ASTM E-18
- Mechanical test cycle without the need of electricity
- Easy load force selection by robust dial knob
- Oil brake with variable damping by adjustable knob
- Large capacity to accommodate large test specimen



Part No. CV-600A

Sale \$3,525.⁴⁸

List Price \$3,917.20

LOOK OUT FOR
PRICE
BITES

FOR EVEN MORE SAVINGS!

STAY TUNED
THROUGHOUT 2024



For more information, contact the Eclipse Sales Team at
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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.

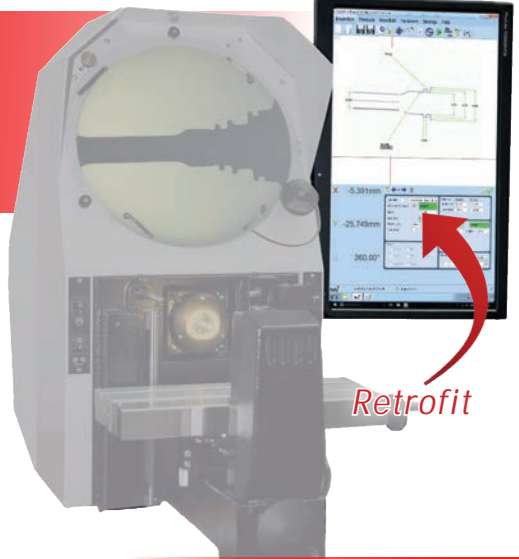
Advanced error mapping - increase accuracy of your comparator. Comprehensive reporting including dimensioned drawing, SPC and EXCEL™ compatible first article inspection reports.

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

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