

## **TOOL-A-THON**



#### Volume 24.2

VALID JULY 1ST - DECEMBER 31ST, 2024



#### **Available At**



Caliber Industrial Supply 5500 Tomken Rd, Unit #2 Mississauga, ON L4W 2Z4 www.caliberindustrial.com

Mississauga: 905.624.5524 Toronto: 416.626.7151 Toll Free: 1.800.465.5743 sales@caliberindustrial.com

#### Sylvac SCAN S145L-P With Renishaw SP25M 3D Probe

Complete measurement with a single system!



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

# SCANE

#### 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





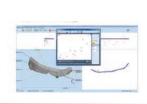
### Trimos A-Line Portable Measuring Arm DEMO UNIT SALE

#### 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





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!



- · 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





| Part No. | Range     | List Price | Sale Price |
|----------|-----------|------------|------------|
| 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**

#### 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**

- · 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 |



#### 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 guage
- User's manual and test certificate







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#### V-Series Electronic Height Gauges Comparison Chart V9 V8 ۷7 ۷6 ۷5 ٧4 ٧3 Accuracy 1.2 + L(mm)/1000 µm 2 + L(mm)/400 µm $\sqrt{}$ $2.5 + L(mm)/300 \mu m$ 4.5 - 6 µm 7 - 8 µm $\sqrt{}$ Range 400/700mm $\checkmark$ 1100mm $\checkmark$ Smart Reverse for Ø Air Cushion $\checkmark$ $\checkmark$ Wireless Option $\checkmark$ Manual/Motorized $\checkmark$ **Manual ONLY** $\checkmark$ $\sqrt{}$ Fine Adjustment **Color Display** $\checkmark$

2D Measuring

| 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    |



#### 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 | Salle Prilee |
|-------------|-----------------|-------------------|------------|--------------|
| 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   |



### Digital Height Gauge 190 Series Features:

· Easy to read digital display

**Moore & Wright** 

- Modern design
- 'Soft keys' for maximum operating comfort





| Part No.    | Range         | Size of Base | List Price | Salle Prilee |
|-------------|---------------|--------------|------------|--------------|
| 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

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

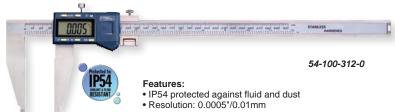




| Part No.    | Range         | Resolution | Accuracy                  | List Price | Sale Price |
|-------------|---------------|------------|---------------------------|------------|------------|
| MW193-30DBL | 0-12"/0-300mm | 0.01mm     | 300mm version +/- 0.040mm | \$989.73   | \$890.75   |
| MW193-60DBL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



For large measurements



- 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**





- realures.
- 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**





- · 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.









#### 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







#### Calibration certificates available for all sizes.

| Part No.                        | Range                                 | Accuracy                            | Resolution     | List Price | Sale Price |
|---------------------------------|---------------------------------------|-------------------------------------|----------------|------------|------------|
| Bluetooth Comm                  | unication                             |                                     |                |            |            |
| 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 Out                | put                                   |                                     |                |            |            |
| 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                       | Proximity cable with USB Connection |                |            | \$225.43   |
| 926.6723                        | Proximity cable                       | with Serial Connection              |                | \$237.29   | \$225.43   |
| 981.7100                        | USB Bluetooth I                       | Receiver                            |                | \$152.77   | \$145.13   |



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#### Sylvac Electronic Indicators

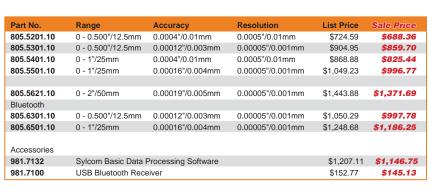
- · IP54 protected against fluid and dust
- Repeatability: 2µm
- Output: Proximity/Power USB/RS232/digimatic/Wireless
- · Menus customizable with free software
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset. Auto Off, etc)
- Bezel rotates 270°
- · Large display with LED tolerance indicators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













#### **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



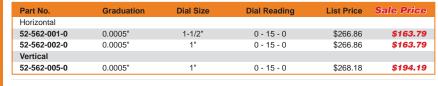








52-562-002-BD





#### **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 Pro | ocessing 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

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 Individu | •                                |                            |            |                   |
| 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 Comple   |                                  |                            |            |                   |
| 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 | <i>\$2,626.69</i> |
| 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 Cable   | es/Accessory                     |                            |            |                   |
| 926.6721.10          | Proximity cable with USB conne   | ection                     | \$237.29   | \$225.43          |
| 926.6723             | Proximity cable with serial conn | ection                     | \$237.29   | \$225.43          |
| 981.7100             | USB bluetooth receiver           |                            | \$152.77   | \$145.13          |

#### **Bore Gauging Systems**



#### **XTD3 Bluetooth Electronic Holemikes**



- 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                        |                            | <b>5</b> 1.7 | RESISTANT  |
|------------------|----------------------------------|----------------------------|--------------|------------|
| Part No.         | Range                            | Includes                   | List Price   | Sale Price |
| Holemike Individ | lual 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 Compl   | lete 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 Cal | oles/Accessory                   |                            |              |            |
| 926.6721.10      | Proximity cable with USB conn    | ection                     | \$237.29     | \$225.43   |
| 926.6723         | Proximity cable with serial conr | nection                    | \$237.29     | \$225.43   |





|          |                 |            | Meas.                       | Ring  | Ring     | List       | Sale       |
|----------|-----------------|------------|-----------------------------|-------|----------|------------|------------|
| Part No. | Range           | Grads.     | Accuracy                    | Depth | Included | Price      | Price      |
| 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             | ı     |          | \$3,795.90 | \$3,416.31 |
| SMXTA4I  | 0.375" - 0.750" | 3 heads, 3 | handles, 2 ring             | IS    |          | \$1,655.00 | \$1,489.50 |
| SXTA5I   | 0.750" - 2"     | 3 heads, 3 | 3 heads, 3 handles, 2 rings |       |          |            | \$2,352.65 |
| SXTA6I   | 2" - 4"         | 3 heads, 3 | handles, 2 ring             | ıs    |          | \$3,503.09 | \$3,152.78 |

#### **Bowers Ultima Bore Gauging System**

World's most accurate system!







#### 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 | tal Display                     | \$2,644.82  | \$2,512.58  |

#### **Bowers MicroGauge**

Pocket sized 2-point bore gauging system.







- 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   |



#### Moore & Wright Cylinder Bore Gauge Set

#### Features:

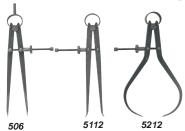
- Interchangeable contact points
- Supplied with dial indicator





| Part No.  | Range | Resolution     | List Price | Sale Price |
|-----------|-------|----------------|------------|------------|
| MW316-05I | 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



- 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**



52-215-003-1

- 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   | \$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 s | tandards and fitted she                             | \$327.93   | \$197.36   |            |
| 52-215-004-1 | 0 - 4" with s | 0 - 4" with standards and fitted shop hardened case |            |            | \$300.73   |
| 52-215-006-1 | 0 - 6" with s | 0 - 6" with standards and fitted shop hardened case |            |            | \$508.83   |
| 52-215-012-1 | 0 - 12" with  | 0 - 12" with standards and fitted wooden case       |            |            | \$2,056.81 |
| 52-215-612-1 | 6 - 12" with  | standards and fitted w                              | ooden case | \$1,595.09 | \$1,356.88 |



#### **DigiMic Electronic Micrometer**

The world standard of precision with IP67 and Bluetooth.





• 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





List Price \$797.22

### Rapid-Mic Quick-Displacement Electronic Micrometers

Fastest micrometer on the market!



- 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 Model | S                      |                  |            |            |
| 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

### MOORE & WRIGHT

#### Features:

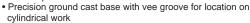
- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- · Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work



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

### Moore & Wright ELM Engineers Level

- · 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





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



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



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



List Price \$11.43

### Moore & Wright Scriber Pocket Carbide Tipped

#### Features:

- Pocket clip
- · Pearl Chrome finish
- 150mm





Part No. MW-SCT002R



List Price \$5.19



#### Moore & Wright Engineers Square

#### Features:

- Standard: BS939Workshop 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

- 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



### 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



#### 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



| Part No.     | Description  | Accuracy     | List Price | Salle Prifee |
|--------------|--------------|--------------|------------|--------------|
| 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     |



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** 



- 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



#### CV Instruments Rockewell 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







For more information, contact the Eclipse Sales Team at 1-800-260-2124 or sales@eclipsetoolsinc.com



#### **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!



\$ **4**,**931**.00



