

VALID FEBRUARY 1<sup>ST</sup> - AUGUST 31<sup>ST</sup>, 2025





## **Bowers Air Gauging**

A New Approach: user friendly method of providing high precision results in even the most challenging of shop-floor environments

#### Features:

- TFT colour touch screen display 4,3", resolution 480x272
- Static or dynamic measurements (Max, Min, Max-Min, Average, Median)
- Analogue or digital display
- Display resolution (up to 0.1µm)
- RS232 port for communication with a PC
- USB port for communication and/or power supply
- Footpedal to make measurements quicker and easier





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

## **Bowers Smartplug Bore Gauges**

#### Features:

- Range 6-280mm
- Plug body coatings: Hard-chrome (standard), wear resistant coatings available on request
- Measuring contacts: Tungsten carbide, (standard), hard-chrome, ruby, ceramic
- Tough, robust construction
- Easy-to-use
- Long life
- Cost-effective
- · High accuracy dedicated plug-gauges
- Suitable for through bores or blind bores
- Extensions available for deeper bores
- · Quick and reliable measurement
- · 2-point measurement as standard
- · Blind bore available on request
- Depth-stops available
- Extensions available for deeper bores
- Guide chamfer for easy entry into bore
- · High durability, long-life plugs and contacts
- · Easy to clean
- Plug body coatings: Hard-chrome (standard), T.i.N., Plain steel
- Measuring contacts: Tungsten carbide, (standard), hard-chrome, ruby, ceramic















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

## **Bowers XT500 Large Diameter 3-point Bore Gauge**

#### Features:

- · New constant-force digital readout
- · Single 300mm setting ring covers full range
- Radiussed anvils of tool-steel for optimum centering
- Accuracy: 15µm
- Repeatability: 3µm
- IP67 electronics
- · Proximity output with built-in Bluetooth
- Resolution 0.01/0.001mm, Metric/inch switchable
- Fast accurate measurement
- Extensions available for deeper bores
- · UKAS certificate with setting ring
- · Certificate of conformity with bore gauge
- · Supplied in a fitted case



Part No.	Range	Depth	Setting Ring	List Price	Sale Prilee
XT5001M-BT	300-325mm	120mm	300mm	\$7,766.85	\$6,990.17
XT5002M-BT	300-325, 325-350mm	120mm	300mm	\$8,830.93	\$7,947.84
XT5003M-BT	300-325, 350-375mm	120mm	300mm	\$9,059.03	\$8,153.13
XT5004M-BT	300-325, 375-400mm	120mm	300mm	\$9,234.07	\$8,310.66
XT5005M-BT	300-325, 400-425mm	120mm	300mm	\$9,468.53	\$8,521.68
XT5006M-BT	300-325, 425-450mm	120mm	300mm	\$9,701.93	\$8,731.74
XT5007M-BT	300-325, 450-475mm	120mm	300mm	\$9,883.34	\$8,895.01
XT5008M-BT	300-325, 475-500mm	120mm	300mm	\$10,053.09	\$9,047.78

## **Bowers Universal Gauge Sets**

#### Features:

- · Internal and external measurement
- Large measuring range possible 0-3000mm (0-118")
- Constant measuring force
- · Supplied with digital readout

- · Large range of accessories for standard measurement of threads, grooves, splines, diameters, lengths, shallow spigots and recess diameters etc
- · Special anvil designs available P.O.A



TGUSET1



TGUSET2

#### TGUSET1 Contents:

- TGU1000-XT Universal with Box but without Indicator or Accessories
- TGUA001-AN Digital / Analogue Indicator 25mm / 0.001mm c/w COWI
- TGUA006 Measuring arms 50mm (Pair)
- TGUA007 Measuring Arms 75mm (Pair)
- TGUA008 Measuring Arms 100mm (Pair)
- TGUA013 20mm Disc Anvils for measuring grooves (Pair)
- TGUA014 12mm Disc Anvils Int/Ext for measuring grooves (Pair)
- TGUA011 Shoulder anvils flat outside spigot diameter (Pair)
- TGUA012 Semi-cylindrical anvils for inside register diameters (Pair)
- . TGUA010 Depth-stops (Pair)
- TGUA003 Clamping inserts (Pair)
- TGUA004 Flat Measuring Anvil (Pair)
- TGUA005 Spherical contacts (Pair)
- TGUA009 Mounting Attachment (Pair)

## TGUSET2 Contents:

- TGU1000-XT Universal Gauge with box but without indicator or Accessories
- TGUA001-AN Digital / Analogue Indicator 25mm/ 0.001mm c/w COWL
- TGUA003 Clamping Insert (Pair)
- TGUA005 Spherical contacts (Pair)
- TGUA006 Measuring Arm 50mm (Pair)
- TGUA010 Depth Stop (Pair)







## **Bowers BLUETOOTH**

## **XTH3 Bluetooth Holematic Pistol Grips**



## **XTD3 Bluetooth Electronic Holemikes**



Measure cylinder bores, high accuracy bearings, grooves, threads, and much more!

- · 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











## **Bore Gauging Systems**

## Special application heads operate with either style handle

Contact the Eclipse Sales Team for more information! 1-800-260-2124



















Part No.	Range	Includes	List Price	Sale Price
Pistol Grip Sets				
SXTH1i-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	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	\$3,100.27
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
Holemike Sets (	Fraditional style)			
SXTD1i-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	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 connection		\$244.90	\$232.66
926.6723	Proximity cable with serial connection		\$256.27	\$243.46
981.7100	USB bluetooth receiver		\$164.99	\$156.74

## **The Baty Venture FV Series**

## Instant measurements at the push of a button

Highly accurate and user friendly

## Ultra fast dimensional measurement

## Automatic part recognition

- · Easy batch measurement
- · High quality optics
- · Simultaneously measure multiple parts & measurements
- · Large field-of-view
- Programmable LED ring illumination
- · Automatic programming from CAD
- Stable and robust construction
- Optional coax lighting
- · User friendly software
- Automatic inspection reports









Part No.	Range	Single/Dual Field	Stage
FV-1080	100x80mm	Single	Fixed
FV-2020	200x200mm	Dual	CNC
FV-3020	300-200mm	Dual	CNC





## Baty Venture 3030 XT Multi-Sensor Vision System



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

## **Baty Venture Plus XT Vision System**

#### Features:

- · Teach and repeat programming
- Programmable segmented LED lighting
- High resolution 0.1µm scales for increased accuracy
- · Optional CAD import / export
- · Adding DXF scanning and best fitting
- · Fully dimensioned part view
- SPC included
- One click output to Excel™
- Autofocus
- Renishaw TP20 touch probe joint
- · Integrated machine stand
- Measuring range: 640x600x250mm
- Resolution: 0.0005mm/0.00002"



Part No. VP-6460



# **Baty SM350 Profile Projector**

#### Features:

- Fully usable 350mm (14") screen
- · Digital screen protractor
- · Built in helix adjustment
- Sturdy all-steel design
- · Heavy duty cross roller bearings
- · Quick release 'X' and 'Y' travel
- Easy-view vertical screen
- Large stage travel 250mm (10") x 125mm (5")
- · Rotating chart clips
- Fibre optic illumination for surface measurement
- 0.5 micron resolution

Part No. SM350



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

## **Baty Profile Projector Retrofit**

Simple, plug and play

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
- Mitutovo
- 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!





## Baty R14 Profile Projector

#### Features:

- 340mm (14") screen with 90° crosslines and chart clipsProfile illumination with halogen lamp and green filter
- Surface illumination (fibre optic)
- Workstage with machined slot for holding accessories
- Digital angle measurement to 1 minute
- 0.5 micron resolution

Part No. R14FT2-E





# **Baty R400 Profile Projector**



#### Features:

- 400mm (16") screen
- Optical Edge Sensor combined with Baty FUSION software makes for the most functional, user-friendly comparator on the market
- Additional accessories available

Part No. R400FT2-E



## Baty R600 Profile Projector

#### Features:

- 600mm (24") screen with 90° cross lines and chart clips
- Heavy duty workstage with 450mm x 200mm (18" x 8") measuring range and 2 machine slots for workpiece holders
- 4 position rotating lens turret for ease of lens changing
- Profile illumination with halogen lamp and green filter
- Screen hood and curtains for use in bright ambient light conditions
- Surface illumination (fibre optic)
- Digital angle measurement
- 0.5 micron resolution

Part No. R600FT2-E





## **Sylvac Swiss Digital 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





List Price



Sale Price

### Calibration certificates available for all sizes.

Accuracy

Bluetooth Commu	nication				
810.1506.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$483.52	\$459.34
810.1526.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$727.56	\$691.18
810.1536.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$899.43	\$854.46
Proximity Cable C	ommunication				
810.1702.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$311.64	\$296.06
810.1722.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$514.45	\$488.73
810.1732.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$657.68	\$624.80
Without Data Outp	out				
810.1502.10	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$257.80	\$244.91
810.1522.10	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$413.62	\$392.94
810.1532.10	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$562.57	\$534.44
Connectivity Cable	es/Accessories				
981.7132	Sylcom Basic Dat	ta Processing Software	•	\$1,303.68	\$1,238.50
926.6721.10	Proximity cable w	rith USB Connection		\$244.90	\$232.66
926.6723	Proximity cable w	rith Serial Connection		\$256.27	\$243.46
981.7100	USB Bluetooth Re	eceiver		\$164.99	\$156.74



The Sylvac Ultralight IV, new design, new features, built-in Bluetooth transmitter.





Alternative jaws available, contact the Eclipse Sales Team for more information 1-800-260-2124

<u>Specifications</u>	811.1404.10	811.1406.10	811.1410.10	811.1415.10	811.1420.10	811.1425.10	
Measuring Range	0-15"/0-400mm	0-24"/0-600mm	0-40"/0-1000mm	0-60"/0-1500mm	0-80"/0-2000mm	0-100"/0-2500mm	
Maximum Error	0.0012"/30µm	0.0016"/40µm	0.002"/50µm	0.0035"/90µm	0.0048"/120µm	0.0078"/200µm	
Repeatability		0.0008" /20μm				0.0012"/30μm	
Measuring Force		5 - 10 N					
Connection		Bluetooth Smart/Proxi RS-232 or - USB					
Protection Rating		IP67 (Electronic Module)					
Preset Max.	±399.9995 IN / ±9999.99 mm						
Weight	3.3 lbs/1.5 kg	3.5 lbs/1.6 kg	4.1 lbs/1.9 kg	5 lbs/2.3 kg	5.7 lbs/2.6 kg	6.3 lbs/2.9 kg	

Part No.	Range	List Price	Sale Price
811.1404.10	0 - 16"/0 - 400mm	\$2,759.02	\$2,621.07
811.1406.10	0 - 24"/0 - 600mm	\$3,083.27	\$2,929.11
811.1410.10	0 - 40"/0 - 1000mm	\$3,685.95	\$3,501.65
811.1415.10	0 - 60"/0 - 1500mm	\$5,279.72	\$5,015.73
811.1420.10	0 - 80"/0 - 2000mm - special order	\$7,232.11	\$6,870.50
811.1425.10	0 - 100"/0 - 2500mm - special order	\$9,151.28	\$8,693.72
Connectivity Cables/Accessory			
981.7132	Sylcom Basic Data Processing Software	\$1,303.68	\$1,238.50
926.6721.10	Proximity USB Cable	\$244.90	\$232.66
926.6723	Proximity Serial Cable	\$256.27	\$243.46
981.7100	USB Bluetooth Receiver	\$164.99	\$156.74

## **Sylvac Digital 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









Liet Price Sale Price

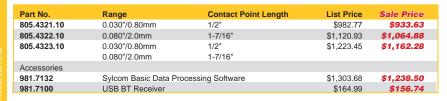
Part No.	Range	Accuracy	Resolution	List Price	Sale Price
805.5201.10	0 - 0.500"/12.5mm	0.0004"/0.01mm	0.0005"/0.01mm	\$782.56	\$743.43
805.5301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$977.35	\$928.48
805.5401.10	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	\$938.39	\$891.47
805.5501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$1,133.17	\$1,076.51
805.5621.10	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	\$1,559.39	\$1,481.42
805.5641.10	0 - 4"/100mm		0.0005"/0.01mm	\$2,142.59	\$2,035.46
805.5661.10	0 - 4"/100mm		0.00005"/0.001mm	\$2,330.50	\$2,213.98
805.5671.10	0 - 6"/150mm		0.0005"/0.01mm	\$2,796.83	\$2,656.99
805.5681.10	0 - 6"/150mm		0.00005"/0.001mm	\$3,119.94	\$2,963.94
Bluetooth					
805.6301.10	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$1,134.31	\$1,077.59
805.6501.10	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$1,348.57	\$1,281.14
Accessories					
981.7132	Sylcom Basic Data F	Processing Software		\$1,303.68	\$1,238.50
981.7100	USB Bluetooth Rece	eiver		\$164.99	\$156.74

## **Sylvac Digital Test Indicators**

- 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")









# Rapid-Mic Quick-Displacement Digital 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	\$865.55	\$822.27
903.0600.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$1,120.56	\$1,064.53
903.1000.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,418.46	\$1,347.54
Set				
903.1300.10	0 - 4"/0 - 102mm		\$3,354.83	\$3,187.09
Bluetooth Mode	ls			
803.0306.10	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$985.36	\$936.09
903.0606.10	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$1,369.20	\$1,300.74
903.1006.10	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,673.97	\$1,590.27
Bluetooth Set				
903.1306.10	0 - 4"/0 - 102mm		\$4,046.87	\$3,844.53

## Sylvac Hi Gage One The perfect shop height gauge.

- · 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.







Part No.	Range	Accuracy	List Price	Sale Price
840.0406.10	16"/400mm	± 0.0016"	\$2,098.43	\$1,993.51
840.0606.10	24"/600mm	± 0.002"	\$2,328.70	\$2,212.27
Accessories				
926.6721.10	Proximity cable	with USB connection	\$244.90	\$232.66
926.6723	Proximity cable	with serial connection	\$256.27	\$243.46



#### 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	\$6,618.78	\$6,287.84
830.0306	12"/300mm	0.00016"/0.0042mm	\$7,008.12	\$6,657.71
830.0456	17.5"/450mm	0.00020"/0.005mm	\$8,176.14	\$7,767.33
Accessories				
930.2150	Full Probe Set		\$1,779.39	\$1,690.42
930.2151	Basic Probe Set		\$1,187.79	\$1,128.40



## Sylvac Digital Indicator Testing Stand M3

#### Features:

- Set for the periodic calibration of analogue and digital comparators up to 2"/50 mm stroke as well as for lever indicators
- Set consisting of the M3 bench that can be used vertically or horizontally
- Bench with rapid manual movement and fine final approach
- · Versatile calibration capabilities
- · Precise adjustment and flexibility
- · Real-time monitoring for accurate results
- Customized certificate for compliance
- · Increased independence and performance







Part No.	Range
Kit with probe and D50	S PRO
809.1303	M3 kit probe 0.4"/10mm
809.1301	M3 kit probe 1"/25mm
Kit with digital indicato	r
809.1305	M3 kit S_DIAL PRO M3 1"/25mm
809.1304	M3 kit S DIAL PRO M3 2"/50mm

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

## Sylvac Bench Table PS15 BH

#### Features:

- Horizontal precision bench for measuring small external dimensions
- Can be equipped with either a digital digital indicator or a Sylvac measuring probe.
- Robust cast iron construction
- 2 ergonomic levers for moving the movable axis with ball-bearing guide
- Compatible with Sylvac Ø 1.5 mm and Cary type anvils
- Supplied with hard metal measuring anvils Ø 1.5 mm
- Adjustable measuring force 0.3-1.0 N
- Measuring capacity 0.8"/20 mm, measuring range 0.4"/10 mm
- · Wide choice of measuring







Part No. 808.1215

Sale \$4,185.22

List Price \$4,405.49



Perfect for measuring depths, groove widths, slot widths, recess heights, step heights and through holes.

#### Features:

- IP67 protected against fluid and dust
- Bluetooth connectivity to your phone or tablet
- 3 measuring styles available
- 4"/100mm measuring base as standard
- Optional probes available for 54-139-160 series
- Extra large display
- Absolute measuring system



54-139-162-3













812.1611

812.1605



Part No.	Description	List Price	Sale Price
812.1601	8"/200mm Interchangeable Anvil Bluetooth Depth Gauge	\$1,376.07	\$1,307.27
812.1603	12"/300mm Interchangeable Anvil Bluetooth Depth Gauge	\$1,584.60	\$1,505.37
812.1605	19"/500mm Interchangeable Anvil Bluetooth Depth Gauge	\$2,031.46	\$1,929.89
812.1611	8"/200mm Standard Style Bluetooth Depth Gauge	\$1,244.31	\$1,182.09
812.1613	12"/300mm Standard Style Bluetooth Depth Gauge	\$1,416.17	\$1,345.36
812.1615	19"/500mm Standard Style Bluetooth Depth Gauge	\$1,945.86	\$1,848.57
812.1621	8"/200mm Rotary Pin Bluetooth Depth Gauge	\$1,446.11	\$1,373.80
812.1623	12"/300mm Rotary Pin Bluetooth Depth Gauge	\$1,641.66	\$1,559.58
812.1625	19"/500mm Rotary Pin Bluetooth Depth Gauge	\$2,257.29	\$2,144.43

## **Sylvac Protractor Smart**

#### Features:

- Protractor with integrated Bluetooth® system
- Large display with colour LED tolerance status
- Three buttons, including the central button with selectable favourite function

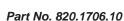
• Ruler length 8"/200 mm (other lengths available as an option)

 Measuring range: 1 x 360°, 2 x 180°, 4 x 90° Additional data outputs Proximity and Power

Protection class IP54







Sale \$2,779.99 List Price \$2,926.30



## Sylvac Absolute Digital Measuring Probes S Probe P12D

#### Features:

- Measuring range 0.5"/12.7mm
- Resolution 0.1 and 0.01 micron
- Absolute system with integrated correction, no more pairing needed
- Patented dual inductive and capacitive system
- Ball bearing
- · Very high accuraccy and repeatability
- Direct USB output



Part No.	Range	Accuracy	List Price	Sale Price
High Resolution				
801.1012	0.5"/12.7mm	0.0006mm	\$2,345.39	\$2,228.12
801.1018	0.5"/12.7mm	0.0006mm	\$2,427.89	\$2,306.50
Standard				
801.2012	0.5"/12.7mm	0.001mm	\$1,874.48	\$1,780.76
801.2017	0.5"/12.7mm	0.001mm	\$1,915.73	\$1,819.94

## Digital displays available for P12D probes!





# Simplify Your Quality Control With Sylvac SYLCOM



Sylcom is a data acquisition software that allows you to easily acquire and analyze your manufacturing data, keep your parts compliant and increase the efficiency of your production.

A great alternative to a costly QMS.

# Simplify Data Transmission With Sylvac Vmux2

Vmux is a virtual multiplexer enabling operators to send production data quickly and easily to third-party software. The virtual multiplexer Vmux2, specially designed for Windows computers, facilitates the connection of all types of Sylvac instruments (USB, Bluetooth®) and the transfer of data to third-party software (QM/QC, CSV, etc.).

It replaces traditional multiplexers.

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





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

Complete measurement with a single system!

## **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

## The BEST Solution for Measuring Shafts and Turned Parts!

Instant results with one click of a button and no operator influence!

Increase productivity while reducing scrap and inspection cycle times by a factor of 10 with the SCAN family line-up.



SWISS















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## **Trimos 3D Measuring Arms**



Part No.	Range	Axes
A3		
A3-1300	4.3ft/1.3m	6
A3-1800	5.9ft/1.8m	6
A5		
A5-1800	5.9ft/1.8m	6
A5-2500	8.2ft/2.5m	6
A5-3200	10.5ft/3.2m	6
A5-4000	13.1ft/4.0m	6
A5-5000	16.4ft/5.0m	6
A5-7000	23.0ft/7.0m	6
A5-9000	29.5ft/9.0m	6
A6		
A6-1800	5.9ft/1.8m	7
A6-2500	8.2ft/2.5m	7
A6-3200	10.5ft/3.2m	7
A6-4000	13.1ft/4.0m	7
A6-5000	16.4ft/5.0m	7
A6-7000	23.0ft/7.0m	7
A6-9000	29.5ft/9.0m	7

## Accessories Available









Plus More



## Trimos V Series Digital 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.

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





	V9	V8	V7	V6	V5	V4	V3/V2
Accuracy							
1.2 + L(mm)/1000 μm	$\checkmark$	$\checkmark$					
2 + L(mm)/400 μm			$\checkmark$	$\checkmark$			
2.5 + L(mm)/300 μm					<b>V</b>		
4.5 - 6 μm						$\checkmark$	
7 - 8 µm							$\checkmark$
Range							
400/700mm	$\checkmark$	$\checkmark$	$\checkmark$	<b>\</b>	$\sqrt{}$	$\checkmark$	$\checkmark$
1100mm	$\checkmark$	$\checkmark$	$\checkmark$	<b>/</b>	$\sqrt{}$		
Smart Reverse for Ø	$\checkmark$	$\checkmark$	$\checkmark$	<b>\</b>	$\sqrt{}$	$\checkmark$	$\checkmark$
Air Cushion	$\checkmark$	$\checkmark$	$\checkmark$	<b>/</b>	$\checkmark$	$\checkmark$	
Wireless Option	$\checkmark$	$\checkmark$	$\checkmark$	<b>\</b>	$\sqrt{}$	$\checkmark$	
Manual/Motorized	$\checkmark$		$\checkmark$	<b>\</b>	$\checkmark$		
Manual ONLY		$\checkmark$				$\checkmark$	$\checkmark$
Fine Adjustment		$\checkmark$					
Color Display	$\checkmark$		<b>\</b>				
2D Measuring	$\checkmark$		<b>/</b>				

V-Series Electronic Height Gauges Comparison Chart

16"/407mm 28"/711mm 16"/407mm 28"/711mm 16"/407mm 28"/711mm 16"/407mm 28"/711mm	\$5,940.00 \$7,038.04 \$6,585.89 \$7,298.56 \$8,155.61 \$9,401.05	\$5,643.00 \$6,686.14 \$6,256.60 \$6,933.63 \$7,747.83 \$8,931.00
28"/711mm  16"/407mm 28"/711mm  16"/407mm 28"/711mm  16"/407mm 28"/711mm	\$7,038.04 \$6,585.89 \$7,298.56 \$8,155.61 \$9,401.05	\$6,686.14 \$6,256.60 \$6,933.63 \$7,747.83
16"/407mm 28"/711mm 16"/407mm 28"/711mm 16"/407mm 28"/711mm	\$6,585.89 \$7,298.56 \$8,155.61 \$9,401.05	\$6,256.60 \$6,933.63 \$7,747.83
28"/711mm 16"/407mm 28"/711mm 16"/407mm 28"/711mm	\$7,298.56 \$8,155.61 \$9,401.05	\$6,933.63 \$7,747.83
28"/711mm 16"/407mm 28"/711mm 16"/407mm 28"/711mm	\$7,298.56 \$8,155.61 \$9,401.05	\$6,933.63 \$7,747.83
16"/407mm 28"/711mm 16"/407mm 28"/711mm	\$8,155.61 \$9,401.05	\$7,747.83
28"/711mm 16"/407mm 28"/711mm	\$9,401.05	
28"/711mm 16"/407mm 28"/711mm	\$9,401.05	
16"/407mm 28"/711mm		\$8,931.00
28"/711mm	\$9.401.05	
28"/711mm	\$9,401,05	
==	+ 5, .0 0	\$8,931.00
43.7"/1110mm		Call for pricing
<del></del> 3.7 / 1 1 10111111		Call for pricing
16"/407mm		Call for pricing
28"/711mm		Call for pricing
43.7"/1110mm		Call for pricing
16"/407mm		Call for pricing
28"/711mm		Call for pricing
44"/1100mm		Call for pricing
16"/407mm		Call for pricing
28"/710mm		Call for pricing
43"/1109mm		Call for pricing
16"/407mm		Call for pricing
28"/710mm		Call for pricing
43"/1109mm		Call for pricing
4mm Probe Set, 21 piece	\$2,960.19	\$2,812.18
8mm Probe Set, 16 piece	\$2,206.21	\$2,095.90
8mm Basic Probe Set, 7 piece	\$854.26	\$811.55
300mm Holder - for 8mm probes	\$1,697.23	\$1,612.37
	\$1,007.73	00000
tooth transmitter (Not available for V3 models)	Ψ1,007.73	\$957.34
	28"/711mm 44"/1100mm  16"/407mm 28"/710mm 43"/1109mm  16"/407mm 28"/710mm 43"/1109mm  4mm Probe Set, 21 piece 8mm Probe Set, 16 piece 8mm Basic Probe Set, 7 piece	28"/711mm 44"/1100mm  16"/407mm 28"/710mm 43"/1109mm  16"/407mm 28"/710mm 43"/1109mm  43"/1109mm  4mm Probe Set, 21 piece \$2,960.19 8mm Probe Set, 16 piece \$2,206.21 8mm Basic Probe Set, 7 piece \$854.26

## 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	Sale Price
V1			
V1-300	12"/306mm	\$4,134.70	\$3,927.97
V1-600	24"/611mm	\$4,421.83	\$4,200.74
V1+			
V1+-300	12"/306mm	\$5,798.39	\$5,508.47
V1+-600	24"/611mm	\$5,914.92	\$5,619.17

## **Trimos Height Gauge V4+**

The new standard in height gauge performance

- · Offers robust mechanical stability; supports long and heavy probes with exceptional repeatability
- · Ease of use for both simple and complex tasks
- Real time display of measurement progress and results
- Smart touch navigation
- Integrated 2-coordinate measurement
- · Comprehensive data connectivity
- Available in 300 and 600 mm models





Part No.	Range	List Price	Sale Price
V4+			
V4+-400	16"/407mm	\$11,301.50	\$10,736.43
V4+-700	28"/711mm	\$12,247.13	\$11,634.77



Motorized setting bench for the control and calibration of measuring means with fixed and variable dimensions

#### Features:

- Ideal for use in the workshop area Everyone has cylinder bore gauges!
- Very simple manipulation
- · Motorized carriage movement
- For inside, outside, 2 and 3 points instruments
- No need to buy and recalibrate gage blocks and rings
- Inhouse calibration of instruments
- Time for setting operation reduced by 90%
- Connectivity and interface via USB and Ethernet
- · Adapters of ALESTA version compatible





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

## **Trimos Portable CMM - C4**

The world's first truly portable CNC Coordinate Measuring

Machines designed for the workshop

#### Features:

- · Portable for the maximum of flexibility
- 4 axes model
- High precision using Renishaw TP20 probe
- Small foot print
- Fully CNC combined with manual operation
- · Ease of use with Aberlink software
- 3D complement to the height gauge 1D/2D
- Designed for workshop operation
- Ethernet or wireless communication
- · Extremely easy to set up





25% OFF all models!

## **Trimos HC-Line**

### New generation of calibration instruments

#### Features:

- · Ideal for use in laboratory and workshop
- · New ergonomic concept
- · Measuring carriage with fine adjustment
- Large range of accessories
- Adjustable measuring force (except HC3)
- Modular design
- · Direct measurement over the whole range



























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



## Trimos Measuring and Setting Bench HS4, HS5, HS6

#### Features:

- Delivered with two parallel 25 mm TEL5 gauge blocks (HS4, HS5)
- · Robust design, ideal for use in workshop
- Very simple use
- · Fast and precise checking
- Works on battery or power supply





Set your own instruments quickly and accurately!

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

## **Trimos Measuring Bench TELS**

Simple and robust instrument for small dimensions measuring. Ideal for bar turning workshops

#### Features:

- · Ideal for checking small dimensions
- Easy manipulation
- Suitable for use in workshop area
- · Wide range of accessories





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



# Moore & Wright Surface Roughness Tester

### Features:

- Bright LCD display for wide angle viewing
- Digital signal processing for high accuracy measurement
- Selectable measuring parameters, sample distance and units
- · Internal storage of 500 data points
- Data export to PC, analysis and reporting by dedicated software
- Aluminium housing for high durability and protection from electromagnetic interference

Part No. MWT-1100



## Moore & Wright Leeb Hardness Tester

#### Features:

- Can be used on steel and cast steel, alloy tool steel, grey cast iron, ductile iron, cast aluminium alloy, copper zinc alloy (brass), copper tin alloy (bronze), pure copper
- Equivalent values from 6 additional hardness standards displayed simultaneously on screen
- Colour screen LCD with adjustable brightness
- · Leeb hardness shock wave display for additional diagnostics
- · Compact & portable
- · Suitable for harsh operating environments
- Anti-vibration, impact and electromagnetic interference
- High-performance ARM processor & digital signal processing for fast accurate readingsgital signal processing for high accuracy measurement

Part No. MWT-3100



List Price \$1,604.70



NEW



NEW

# Moore & Wright Digital Ultrasonic Thickness Gauge

#### Features:

- Use of ultrasound to determine material thickness
- · High accuracy measurement over a wide range
- . Three measuring modes, P-E, I-E, Test
- IE mode can pass through 500 µm coating
- Accuracy (mm) =  $H<10\pm0.05$ ,  $H\geq10\pm0.04\pm0.5\%H$
- · Suitable for measuring steel, iron, glass, plastic, aluminium, etc
- · Fully configurable test parameters
- Metric or imperial, selectable resolution of 0.1 or 0.01mm

Part No. MWT-2500



List Price \$1,069.80



## Moore & Wright Coating ThicknessGauge Non-Ferrous NEW

#### Features:

- · Graphic LCD with backlight
- · Compact size with integrated probe
- Eddy current method (ISO 2360, ASTM D7091, ASTM B244) enables measurement of non-conductive coating on non-magnetic metal collectives
- · Data memory up to 500 readings
- Ready to measure immediately without calibration
- · Easy to perform zero-point correction

Part No. MWT-2105



List Price \$787.24

92.6



**Moore & Wright Coating Thickness Gauge Ferrous** 92.6

### Features:

- · Graphic LCD with backlight
- · Compact size with integrated probe.
- Magnetic induction method (ISO 2178, ASTM D7091, ASTM B499), measurement of non-magnetic coatings on magnetic substrates
- · Data memory up to 500 readings
- Ready to measure immediately without calibration
- · Easy-to-perform zero-point correction

Part No. MWT-2100



List Price \$782.74



NEW

## **Moore & Wright Digital Force Gauge**

- User friendly touch keypad & full-format 160x128 dot matrix LCD (2.8 inch) backlit display with display update rate of 10 times per second
- Accuracy = +/- 0.2% F.S.
- Overload capacity = 150% of F.S. (LCD blinks beyond 110%)
- Compact and durable metal housing
- · Selectable units of N, gf, kgf, ozf, and lbf
- Supplied with a selection of measuring heads
- Easily mountable to an external frame

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Part No.	Range	Resolution	List Price	Sale Price
MWT-8130	0-100N	0.01N	\$766.69	\$690.02
MWT-8140	0-200N	0.05N	\$766.69	\$690.02
MWT-8150	0-500N	0.05N	\$802.35	\$722.12
MWT-8160	0-1000N	0.10N	\$713.20	\$641.88



## Moore & Wright Traditional External Micrometer, 966 Series

#### Features:

- · Tungsten carbide measuring faces
- · Blue textured frame finish
- · Locking lever
- Adjusting key
- · Supplied in case
- · Choice of standard or vernier type sleeve
- · Supplied with setting standard





Part No.	Range	List Price	Sale Price
19662	1-2"	\$89.55	\$80.60
19663	2-3"	\$97.34	\$87.61
19664	3-4"	\$109.02	\$98.12
19665	4-5"	\$125.89	\$113.30
19666	5-6"	\$149.25	\$134.33

## Moore & Wright External Micrometer, 200 Series

#### Features:

- · Hammertone finish frame with insulated grip
- Tapered for easier access to difficult areas
- Constant force ratchet on thimble
- · Locking lever
- Adjusting key
- Supplied in case with setting standard



Part No.	Range	Resolution	List Price	Sale Price
MW200-01I	0-1"	0.0005"	\$82.26	\$74.03
MW200-02I	1-2"	0.0005"	\$87.62	\$78.86
MW200-03I	2-3"	0.0005"	\$94.77	\$85.29
MW200-04I	3-4"	0.0005"	\$103.72	\$93.35

## Moore & Wright Workshop External Micrometer Set, 215 Series

- Satin-chrome forged steel frame with insulated grip
- Constant force ratchet on thimble
- Adiustina kev
- · Supplied with setting standards
- Supplied in wooden box







Part No.	Range	Resolution	List Price	Sale Price
MW215-01BLI	0-3"	0.001"	\$259.31	\$233.38
MW215-02BLI	0-4"	0.001"	\$369.87	\$332.88
MW215-03BLI	0-6"	0.001"	\$670.62	\$603.56
MW215-04BLI	0-8"	0.001"	\$1,064.07	\$957.66

## **Carbide Super Scriber**



• Lightweight • Retractable carbide tip • Knurled grip • Machined aluminum body • Pocket clip

Part No.	Description	Overall Length	List Price	Sale Price
52-500-050-0	Carbide Super Scriber	6.5"	\$67.55	\$64.17
52-500-055-0	Carbide Refill		\$19.64	\$18.66



### 2 each @:

- Dimensions: 1-1/2" L x 1-1/4" W x 1-1/4" H
- · Work capacity: Approximately 1"

#### 2 each @

- Dimensions: 2" L x 1-1/2" W x 1-1/2" H
- Work capacity: 1-1/2"

### All feature:

- Surfaces are square and parallel within 0.0005"
- V-grooves are square and parallel with all surfaces within 0.0005"
- Corresponding dimensions for each pair are alike within 0.0005"

Part No. 52-475-500-0



List Price 276.55

## V-Block Set



### Features:

- Hardened steel. All sides of V-Blocks precision ground parallel and square within 0.0004"
- Height: 2", Length:, 2-3/4", Width: 2"
- Two clamps, with screw hole at 90 degrees for positive clamping of work, are included
- Clamping capacity= 2"/50m
- V-Blocks are constructed with stepped grooves which allow the clamps to be inserted without protrusion, thus allowing V-Blocks to be used on base, ends or sides
- Matched pair of V-Blocks are perfectly aligned with 90 degree V-grooves ground central and parallel to the sides and bases

Part No. 52-475-555-0



List Price \$453.39





## **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









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	\$341.39	\$324.32
52-562-002-0	0.0005"	1"	0 - 15 - 0	\$261.27	\$248.21
Vertical					
52-562-005-0	0.0005"	1"	0 - 15 - 0	\$258.19	\$245.28

## **Weight & Counting Scale**



- Accurately measures weights and quantities
- Use for counting large batches of small parts
- Measure weights up to 66 lbs./30 kg.
- · Removable stainless steel weighing pan and durable ABS housing
- Converts pounds, ounces, grams, kilograms
- · Internal battery with 100 hours of use
- Front panel leveling indicator with adjustable leveling feet
- · 3 panel backlit LCD display indicates weight, average piece weight and count

Measures up to 66 lbs.!

Part No. 54-750-030-0

List Price \$351.65

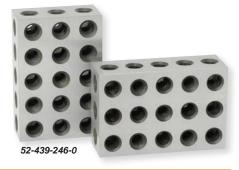


### 1-2-3 & 2-4-6 Blocks

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



Part No.	Description	Accuracy	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	± 0.0002"/1"	\$84.58	\$80.35
52-439-246-0	2-4-6 Blocks	± 0.0003"/1"	\$321.96	\$305.86

# **7-CHECK** () 5 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



Part No. 54-188-200-0

List Price \$251.76

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



List Price \$217.54

## **Bore Gauge Setting Master Kits - Inch & Metric**

Fowler's Bore Gauge Setting Master Kit is used for accurately setting any bore gauge up to 6"/150mm in diameter to an accuracy of 0.0001"/0.003mm



Part No.	Description	List Price	Sale Price
53-646-000-1	Inch Bore Gauge Setting Master Kit	\$652.16	\$619.55
53-646-010-0	Metric Bore Gauge Setting Master Kit	\$663.64	\$630.46
53-646-005-0	Bore Gauge Setting Master Kit - without Gauge Blocks	\$403.54	\$383.36





442 Millen Road Unit 9, Stoney Creek, ON L8E 6H2

- **1**-800-260-2124
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- https://www.bowersgroup.co.uk/ca/











