



TOOL-A-THON

V25.3 OCT 1 - JAN 1

"..quick, accurate, and keeps production moving..."

~ Bob G., Quality Inspector on his new Fulcrum manual CMM



fowlerprecision.com



Scenic Pioneer Valley, MA



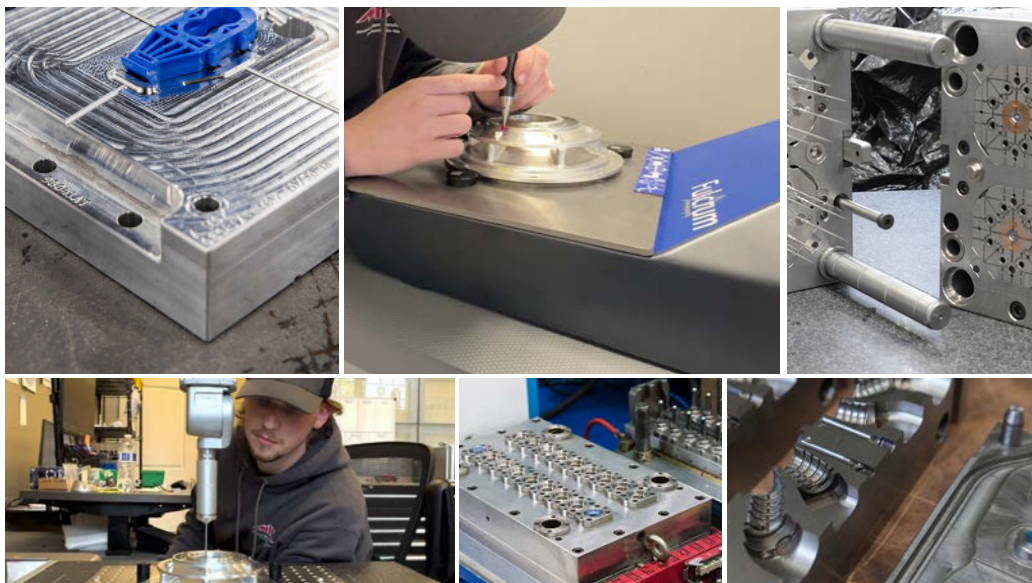
At Mountain Base Manufacturing in Easthampton, MA, in the Pioneer Valley, Quality Control Inspector Bob G. knows how costly slow inspections can be. Every first-part check stalls production until he can sign off on quality. Traditional CMMs — though precise — require time-consuming programming that creates unnecessary delays.

That's why Bob turned to the Fulcrum Manual CMM. He first saw it at Eastec 2025 and was struck by its speed and simplicity. Once installed, the benefits were immediate — fast validation, fewer delays, and smoother workflow.

"When the shop brings me a first piece, they can't move forward until I validate it," Bob explains. "With the Fulcrum, I can do that in minutes instead of hours. It's quick, accurate, and keeps production moving."

After experiencing just how intuitive Aberlink's Fusion software is, Bob now knows inspections can be quick. While the Fulcrum gives him the accuracy he needs today, it's easy to imagine him looking toward an Aberlink CNC CMM like the **Axiom too** or **Extol** as they utilize the same, intuitive software.

For manufacturers where time equals money, the Fulcrum Manual CMM delivers a competitive edge: faster approvals, reduced downtime, and uncompromised quality.



Fulcrum

Manual CMM

(Coordinate Measuring Machine)

**Take the next step
from hand tools to
faster, and more
accurate inspection
of complex features**

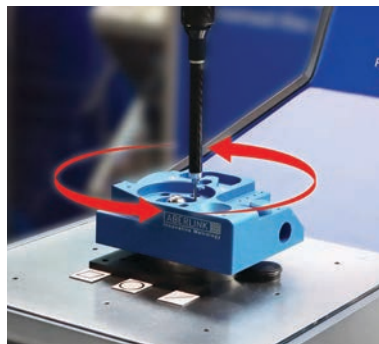


Order No. 54-960-400-0

Features:

- Small footprint allowing measurements right next to your machine
- Intuitive software, allows quick and easy measurement
- Minimal setup
- Programmable magnetic soft buttons allow you to quickly change between software features without using a mouse
- Magnetic fixture templates allow you to quickly fix your part
- Volumetric accuracy of 0.0002"/0.005mm
- Uses a single USB cable to connect and requires no air

Part Inspection with Touch Mode or Scanning Mode





Portable CMM

(Coordinate Measuring Machine)

- Touch & teach software
- 360-degree rotation

Features:

- Compact for use at the machine center
- Accuracy: MPEE 0.0003"/0.008mm
- Completely portable, only 30 lbs.
- Ethernet communication (Bluetooth optional)

Order No. 54-950-001-0

Shop floor CNC CMM

(Coordinate Measuring Machine)

Features:

- Short learning curve and compact footprint
- Y-axis options from 600mm to 1500mm
- Workshop-friendly with vibration protection
- Friction-free air bearings, aluminum bridge, and granite table

Axiom Too



Systems



**The easiest metrology
software on the market**



Fowler Sylvac SCAN S25T

Fast & accurate scanning for shafts, small cylindrical parts & threads



One click ease-of-use

Features:

- Ideal for small cylindrical parts, shafts and threads
- 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

Order No. 54-902-025-5



Demo Video

Available in a range of sizes



Rapid Measuring Systems

One touch measuring

- Scans in 2 seconds!
- Up to 5,000 dimensions
- Up to 100 work pieces

Features:

- Simply place and press measurement finish in 3 seconds
- No more operator errors
- Powerful yet easy to use measuring software
- Up to 12" x 8" field of view
- High resolution: 0.00004"/0.0001mm
- Accuracy: 0.00006"-0.0002"/0.0015mm-0.005mm



One touch measuring

Horizontal Calibration and Setting

Setting of measuring equipment with variable dimensions.



HC5

Features:

- Designed for the calibration of fixed and variable measuring equipment
- Available in sizes up to 120"
- Adjustable measuring force

Order No. 54-197-370-0



HS6

Features:

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

Order No. 54-196-900-5

 **TRIMOS**

 **SWISS
MADE**

The New Trimos V4+ electronic height gage

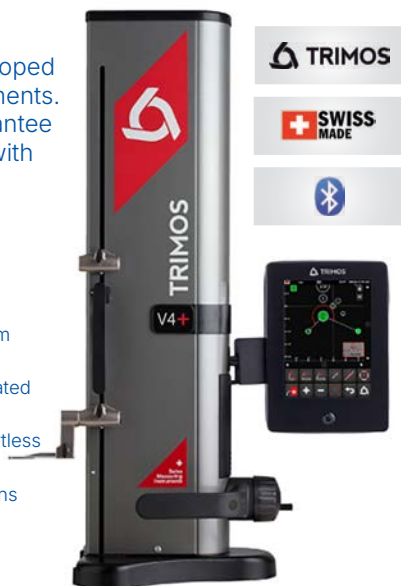
The Fowler Trimos V series vertical measuring instruments have been developed for the most difficult shop floor environments. Manufactured in Switzerland, they guarantee precise and repeatable measurements with superior ease of use.

NEW V4+ Features:

- Our most affordable 2D height gage
- Smart touch navigation (outstanding UX)
- Dynamic graphical feedback
- Supports long and heavy probes up to 400 mm
- Integrated 2-coordinate measurement
- Simplifies complex measurements with integrated measurement programs
- Integrated smooth air cushion system for effortless movement on the measuring table
- Connectivity: USB, RS232, and Wireless options

Details:

- Measures ID/OD, centerlines, heights, widths, depths, min/max/delta, slots, grooves & more!
- Electronically adjustable measuring force 0.75/1.5 (N)
- Resolution: 0.001 mm
- Lithium-ion rechargeable batteries last up to 40 hours
- Bluetooth transmitter available



54-191-440-2D

All models Include:

- Charging unit
- Measuring probe with ruby ball Ø4mm
- Probe holder elbow Ø8mm
- Setting gage
- Test certificate
- 5 Year Warranty



	V3	V4	V4+	V5	V6	V7	V8	V9
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			✓			✓		✓

Certify Any Height Gage Below For Only \$199.00

Valid only for Tool-A-Thon 25.2

25.3



54-192-340-0



54-199-570-0



54-199-770-0

Height Gages

Order No.	Measuring Range	Range with Probe Inverted	List Price	Sale Price
V3				
54-192-340-0	16"/407mm	20"/508mm	\$7,215.00	\$6,855.00
54-192-370-0	28"/711mm	31.9"/812mm	\$7,337.00	\$6,971.00
V4				
54-191-440-0	16"/407mm	28.3"/719mm	\$8,766.00	\$8,328.00
54-191-470-0	28"/711mm	40.2"/1023mm	\$11,055.00	\$10,503.00
V4+				
54-191-440-2D	16"/407mm	28.3"/719mm	\$11,447.00	\$10,875.00
54-191-470-2D	28"/711mm	40.2"/1023mm	\$11,966.00	\$11,368.00
V5				
54-199-540-0	16"/407mm	28.3"/719mm	\$9,662.00	\$9,179.00
54-199-570-0	28"/711mm	40.2"/1023mm	\$11,449.00	\$10,877.00
54-199-590-0	43.7"/1110mm	56"/1422mm	\$18,082.00	\$17,178.00
V7				
54-199-740-0	16"/407mm	28.3"/719mm	\$15,926.00	\$15,130.00
54-199-770-0	28"/711mm	40"/1023mm	\$17,013.00	\$16,163.00
Probe Sets				
54-199-105-0	4mm Probe Set, 21 piece		\$2,561.00	\$2,433.00
54-199-106-0	8mm Probe Set, 16 piece		\$2,073.00	\$1,970.00
54-199-107-0	8mm Basic Probe Set, 7 piece		\$680.00	\$646.00
Accessories				
54-199-400-0	Ø8mm Ceramic Probe Holder L=400mm		\$1,555.00	\$1,478.00

Prices & Specifications are subject to change without notice.

Fowler Sylvac Hi_Cal V2 Electronic Height Gages

For your finer, more delicate parts.

Features:

- Bluetooth for quick, easy recorded measurements
- Extra low measuring force, from 0.2N
- Measure internal and external diameters, centerlines, heights, widths, depths and MIN/MAX/TIR capability
- Battery life: 40 hours rechargeable during operation
- Touch sensitive probe speed for easy operation
- Base with small footprint

**ISO Certification available
for \$199.00 extra!**



54-931-150-BT

All models Include:

- Protective cover
- Ruby ball probe Ø3mm
- Setting gage
- Calibration certificate



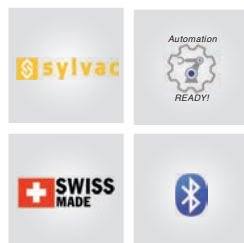
54-931-300-BT



54-931-450-BT



54-930-217-0



Order No.	Range	Accuracy	List Price	Sale Price
54-931-150-BT	6"/150mm	0.00013"/0.0034mm	\$7,139.00	\$6,783.00
54-931-150-BT-C	6"/150mm with ISO/A2LA Certification		\$7,380.00	\$7,011.00
54-931-300-BT	12"/300mm	0.00016"/0.0042mm	\$7,865.00	\$7,472.00
54-931-300-BT-C	12"/300mm with ISO/A2LA Certification		\$8,106.00	\$7,701.00
54-931-450-BT	17.5"/450mm	0.00020"/0.005mm	\$8,833.00	\$8,392.00
54-931-450-BT-C	17.5"/450mm with ISO/A2LA Certification		\$9,074.00	\$8,621.00
Accessories				
54-930-217-0	Standard Probe Accessory Kit, 5 Piece		\$1,268.00	\$1,205.00

NEW V1 & V1+ Electronic Height Gages

Introducing the next generation of Trimos entry-level height gages for the workshop.

Features:

- Accuracy: 0.0012"/0.03mm
- Bluetooth/RS232 data output
- Steel base and extra large display with simplified keypad
- V1 features a fine adjust hand-wheel for scribing (scraper included)
- V1+ features bi-directional measuring force hand-wheel for measuring bores, centerlines, heights, min/max/delta
- Supplied with 0.236"/6mm ball probe
- Granite base units available as special order



FREE

Swiss Army knife with purchase!



12" x 8"

54-180-524-5

Order No.	Description	Range	Resolution	List Price	Sale Price
54-180-424-0	V1	24"/611mm	0.001"/0.01mm	\$4,393.00	\$4,174.00
54-180-512-0	V1+	12"/300mm	0.0001"/0.001mm	\$4,686.00	\$4,452.00
54-180-512-5	V1+ with granite base	12"/300mm	0.0001"/0.001mm	\$5,418.00	\$5,148.00
54-180-524-0	V1+	24"/611mm	0.0001"/0.001mm	\$5,857.00	\$5,565.00
54-180-524-5	V1+ with granite base	24"/611mm	0.0001"/0.001mm	\$6,589.00	\$6,260.00

Z-HEIGHT Height Gage

With handwheel and fine adjust.

Features:

- Base design has a more comfortable grip and is finely ground and lapped for smooth movement on surface plates
- Fine adjust feature allows precise adjustment to required settings
- Indicator holding bar included

Calibration certificate available.



Z-HEIGHT ABS PLUS+ Height Gage

Features:

- True ABS measuring system
- Supplied with a NIST certified test block (1" x 2" x 3")
- Large handwheel for both coarse and fine adjustments
- Carbide scriber
- Positive locking lever for scribing



Order No.	Range	Accuracy	Resolution	List Price	Sale Price
54-175-012-0	0-12"/300mm	± 0.0015"/0.04mm	0.0005"/0.01mm	\$882.00	\$794.00
54-175-018-0	0-18"/500mm	± 0.002"/0.05mm	0.0005"/0.01mm	\$807.00	\$727.00
54-175-012-1	0-12"/300mm	± 0.0015"/0.04mm	0.0005"/0.01mm	\$864.00	\$778.00
54-175-018-1	0-18"/500mm	± 0.002"/0.05mm	0.0005"/0.01mm	\$1,017.00	\$916.00

Prices & Specifications are subject to change without notice.

Fowler Bowers Bluetooth

For special application heads, contact the
Fowler Technical Department 1-800-788-2353



XTH3 Bluetooth Holematic Pistol Grips

Features:

- Coolant proof, dust proof - IP67
- Resolution: 0.00005"/0.001mm
- Bluetooth connectivity to your phone or tablet
- Accuracies: 0.00015" - 0.00035"/0.004mm - 0.009mm
- 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
- Additional individual sizes available

2 and 3 Point Grooves



3 Point Spherical



Ball Screw Threads



54-567-100-BT



Order No.	Range	Includes	List Price	Sale Price
Pistol Grip Complete Sets				
54-567-009-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	\$7,737.00	\$6,964.00
54-567-010-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	\$3,034.00	\$2,731.00
54-567-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$3,550.00	\$3,195.00
54-567-050-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	\$4,583.00	\$4,125.00
54-567-100-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$5,101.00	\$4,591.00
54-567-105-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$4,583.00	\$4,125.00
54-567-110-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	\$6,049.00	\$5,445.00
54-567-200-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	\$9,575.00	\$8,618.00
54-567-210-BT	0.750" - 4"/20 - 100mm	6 heads, 1 handle, 4 rings	\$5,601.00	\$5,041.00
54-567-620-BT	0.250" - 0.750"/6 - 20mm	5 heads, 1 handle, 3 rings	\$4,095.00	\$3,686.00

Connectivity Cables/Accessory

54-115-526-O	Proximity cable with USB connection	\$251.00	\$226.00
54-115-527-O	Proximity cable with serial connection 24"/611mm	\$277.00	\$250.00
54-115-246-BT	USB bluetooth receiver	\$58.00	\$53.00

Extensions

Order No.	Length	Diameter	Fits Heads	List Price	Sale Price
54-336-301-O	2.5"/63mm	0.230"	0.250"-0.375"/6-10mm	\$194.00	\$175.00
54-336-302-O	3"/76mm	0.366"	0.375"-0.500"/10-12.5mm	\$194.00	\$175.00
54-336-303-O	4"/100mm	0.479"	0.500"-0.750"/12.5-20mm	\$194.00	\$175.00
54-336-306-O	20"/500mm	0.757"	0.750" and higher	\$999.00	\$900.00
54-336-307-O	40"/1000mm	1.365"	1.375" and higher	\$1,480.00	\$1,332.00

Bore Gaging Systems

For special application heads, contact the
Fowler Technical Department 1-800-788-2353



XTD3 Bluetooth Electronic Holemikes

Features:

- Coolant proof, dust proof - IP67
- Resolution: 0.00005"/0.001mm
- Bluetooth connectivity to your phone or tablet
- Accuracies: 0.00015" - 0.00035"/0.004mm - 0.009mm
- 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
- Additional sizes available



54-367-020-BT

2 and 3 Point
Screw Threads



Ball Race
Measurement



Internal Spline



Order No.	Range	Includes	List Price	Sale Price
Holemike Complete Sets (Traditional style)				
54-367-000-BT	0.080" - 0.250"/2 - 6mm (2 pt.)	5 heads, 1 handle, 3 rings	\$5,000.00	\$4,500.00
54-367-010-BT	0.250" - 0.375"/6- 10mm	2 heads, 1 handle, 1 ring	\$2,938.00	\$2,645.00
54-367-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$3,506.00	\$3,156.00
54-367-050-BT	0.750" - 2"/20 - 50mm	3 heads, 1 handle, 2 rings	\$4,759.00	\$4,284.00
54-367-100-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$5,272.00	\$4,745.00
54-367-105-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$4,200.00	\$3,780.00
54-367-110-BT	6" - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	\$5,539.00	\$4,986.00
54-367-200-BT	4" - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	\$9,166.00	\$8,250.00

Connectivity Cables/Accessory

54-115-526-O	Proximity cable with USB connection		\$251.00	\$226.00
54-115-527-O	Proximity cable with serial connection	24"/611mm	\$277.00	\$250.00
54-115-246-BT	USB bluetooth receiver		\$58.00	\$53.00

Extensions

Order No.	Length	Diameter Fits Heads		List Price	Sale Price
54-336-301-O	2.5"/63mm	0.230"	0.250"-0.375"/6-10mm	\$194.00	\$175.00
54-336-302-O	3"/76mm	0.366"	0.375"-0.500"/10-12.5mm	\$194.00	\$175.00
54-336-303-O	4"/100mm	0.479"	0.500"-0.750"/12.5-20mm	\$194.00	\$175.00
54-336-306-O	20"/500mm	0.757"	0.750" and higher	\$999.00	\$900.00
54-336-307-O	40"/1000mm	1.365"	1.375" and higher	\$1,480.00	\$1,332.00

XT-Series Holemikes**Vernier Bore Micrometers****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



Order No.	Range	Grads	Measuring Accuracy	Measuring Depth	Ring Included	List Price	Sale Price
52-255-310-0	0.250" - 0.312"	0.00025"	0.00015"	2.28"	0.312"	\$912.00	\$821.00
52-255-311-0	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	\$845.00	\$761.00
52-255-312-0	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	\$845.00	\$761.00
52-255-313-0	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	\$845.00	\$761.00
52-255-314-0	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	\$866.00	\$780.00
52-255-315-0	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	\$952.00	\$857.00
52-255-316-0	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	\$1,356.00	\$1,221.00
52-255-317-0	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	\$1,388.00	\$1,250.00
52-255-318-0	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	\$1,655.00	\$1,490.00
52-255-319-0	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	\$1,670.00	\$1,503.00
52-255-320-0	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	\$2,084.00	\$1,876.00
52-255-321-0	4" - 5"	0.00025"	0.00025"	4.53"	5"	\$2,173.00	\$1,956.00
52-255-322-0	5" - 6"	0.00025"	0.00025"	4.53"	5"	\$2,521.00	\$2,269.00

Sets

52-255-565-0	0.250" - 0.375"	2 heads, 2 handles, 1 ring	\$1,855.00	\$1,670.00
52-255-665-0	0.375" - 0.750"	3 heads, 3 handles, 2 rings	\$2,306.00	\$2,076.00
52-255-775-0	0.750" - 2"	3 heads, 3 handles, 2 rings	\$3,624.00	\$3,262.00
52-255-890-0	4" - 6"	2 heads, 2 handles, 1 ring	\$3,452.00	\$3,107.00
52-255-900-0	6" - 8"	2 heads, 2 handles, 1 ring	\$5,410.00	\$4,869.00

XTENDER⁺ PLUS⁺

Bore Gage Set

Our two most popular bore gage ranges combined in one easy-to-use electronic set!

Preset size of master for absolute reading and use minimum hold feature to lock on the bore size as the gage is rocked in the part to be measured.

• Fitted with a Sylvac Lifetime Warranty
electronic indicator (54-530-535-0)

- Range: 1.4 - 6"
- Analog scale for reversal point detection
- IP54 rated indicator
- Carbide tipped anvils
- Min/Max/TIR readings
- Supplied in a fitted case



Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-646-535-0	1.4 - 6"/35 - 150mm	0.00005"/0.001mm	0.0005"/0.01mm	\$949.00	\$855.00

Dial Cylinder Bore Gages

2-point bore measuring



Features:

- Carbide Anvils
- Easy-to-read
- Great value
- Graduation: 0.0005", 0.0001" or 0.01mm
- Insulated grip
- 9.5" depth above 1.5"
- Chrome plated handle
- 1.4" - 6" model available with an electronic indicator

XTENDER

52-646-400-0

54-646-401-0

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
54-646-401-0	1.4 - 6"/35 - 150mm	0.001mm	0.015mm	\$378.00	\$322.00
52-646-100-0	0.7" - 1.5"	0.0005"	0.0009"	\$178.00	\$152.00
52-646-220-0	35 - 160mm	0.01mm	0.02mm	\$322.00	\$274.00
52-646-300-0	2" - 6"	0.0005"	0.0009"	\$167.00	\$142.00
52-646-400-0	1.4" - 6"	0.0005"	0.0009"	\$210.00	\$179.00
52-646-500-0	1.4" - 6"	0.0001"	0.0005"	\$320.00	\$272.00

Internal & External Electronic Caliper Gages

For grooves and recesses

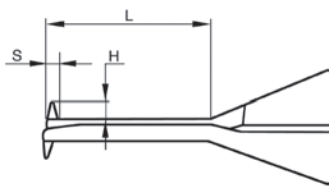

54-554-611-0

Features:

- Accuracy: $\pm 0.0008"/\pm 0.02$ mm
- Resolution: 0.0002"/0.005mm
- Analog scale for reversal point indication
- Large, LCD display
- Preset capability


54-554-711-0

- Absolute and incremental measurements modes
- High-impact, aircraft aluminum case
- Rugged housing



Dimensions for Internal Calipers

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

Dimensions for External Calipers

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

Order No.	Range	List Price	Sale Price
Internal Caliper Gages			
54-554-611-0	0.200" - 0.590"/5 - 15mm	\$201.00	\$181.00
54-554-622-0	0.200" - 1"/5 - 25mm	\$315.00	\$284.00
54-554-623-0	0.400" - 1.2"/10 - 30mm	\$281.00	\$253.00
54-554-624-0	0.790" - 1.6"/20 - 40mm	\$309.00	\$279.00
54-554-625-0	1.2" - 2"/30 - 50mm	\$296.00	\$267.00

External Caliper Gages

54-554-711-0	0 - 0.400"/0 - 10mm	\$231.00	\$208.00
54-554-722-0	0 - 0.790"/0 - 20mm	\$252.00	\$227.00
54-554-723-0	0.4" - 1.2"/10 - 30mm	\$309.00	\$279.00
54-554-724-0	0.790" - 1.6"/20 - 40mm	\$402.00	\$362.00
54-554-725-0	1.2" - 2"/30 - 50mm	\$270.00	\$243.00

Prices & Specifications are subject to change without notice.

Swiss Ultralight IV Electronic Calipers



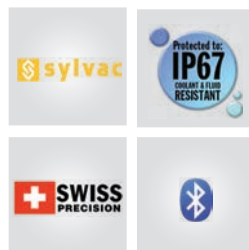
Available Up to 2.5m range

When you have
HUGE
parts to measure,
this is the caliper
you need!

Features:

- IP67 protected against fluid and dust
- Built-in Bluetooth
- Reinforced frame
- XXL display with 0.79"/20mm high digits
- Lengthened jaws 7.9"/200mm
- Includes upper ID measuring pins (5mm dia.)
- Movable left jaw
- Stainless steel titanium coated jaws
- Hold feature
- Preset function
- Min/Max functions
- Tolerance mode
- Internal and external measurement indicator

Fowler 
LIFETIME WARRANTY



Alternative jaws available, contact the Fowler Technical Department for more information 1-800-788-2353

Order No.	Range	Accuracy	List Price	Sale Price
54-110-512-0	0 - 15"/0 - 400mm	0.0012"/30 µm	\$3,373.00	\$3,205.00
54-110-524-0	0 - 24"/0 - 600mm	0.0016"/40 µm	\$4,019.00	\$3,819.00
54-110-540-0	0 - 40"/0 - 1000mm	0.002"/50 µm	\$4,627.00	\$4,396.00

Connectivity Cables/Accessories

54-981-724-5	Sylcom Pro (digital license)	\$2,635.00	\$2,504.00
54-981-713-2	Sylcom Standard (dongle license)	\$1,102.00	\$1,047.00
54-115-526-0	Proximity cable with USB Connection	\$251.00	\$226.00
54-115-527-0	Proximity cable with Serial Connection	\$277.00	\$250.00
54-115-246-BT	USB Bluetooth Receiver	\$58.00	\$53.00

The Top 6 Reasons

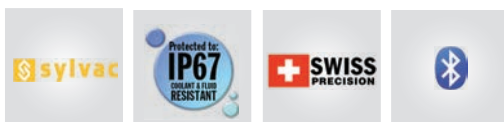
This is the best caliper value on the market



1. **Worry-free lifetime warranty**
2. **Bluetooth built-in, no bulky add-ons**
3. **IP67 - Coolant & dust resistant**
4. **A fraction of competitor's price**
5. **Easy-to-use Sylvac data collection**
6. **Swiss precision**

More features

- Reinforced frame (3.5mm)
- XL display with 11.5mm digits
- Hold feature
- Preset function
- Available with ISO Cert
- 12"/300mm is supplied without depth rod



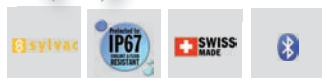
Calipers

Order No.	Range	Accuracy	Resolution	List Price	Sale Price
Bluetooth Built-in					
54-100-167-0	6"/150mm	0.0008"/20μm	0.0005"/0.01mm	\$540.00	\$486.00
54-100-168-0	8"/200mm	0.0012"/30μm	0.0005"/0.01mm	\$926.00	\$834.00
54-100-169-0	12"/300mm	0.0012"/30μm	0.0005"/0.01mm	\$1,130.00	\$1,017.00
Proximity Cable Communication					
54-100-444-1	6"/150mm	0.0008"/20μm	0.0005"/0.01mm	\$250.00	\$225.00
54-100-448-1	8"/200mm	0.0012"/30μm	0.0005"/0.01mm	\$561.00	\$505.00
54-100-412-1	12"/300mm	0.0012"/30μm	0.0005"/0.01mm	\$756.00	\$681.00
Without Data Output					
54-100-177-0	6"/150mm	0.0008"/20μm	0.0005"/0.01mm	\$216.00	\$195.00
54-100-178-0	8"/200mm	0.0012"/30μm	0.0005"/0.01mm	\$509.00	\$459.00
54-100-179-0	12"/300mm	0.0012"/30μm	0.0005"/0.01mm	\$587.00	\$529.00
Connectivity Cables/Accessories					
54-981-724-5	Sylcom Pro (digital license)			\$2,635.00	\$2,504.00
54-981-713-2	Sylcom Standard (dongle license)			\$1,102.00	\$1,047.00
54-115-526-0	Proximity cable with USB Connection			\$251.00	\$226.00
54-115-527-0	Proximity cable with Serial Connection			\$277.00	\$250.00
54-115-246-BT	USB Bluetooth Receiver			\$58.00	\$53.00

Prices & Specifications are subject to change without notice.

Micron 0.00005" Electronic Caliper

HIGH Resolution and HIGH Accuracy



Features:

- Bluetooth connectivity
- High resolution: 0.00005"/0.001mm
- Accuracy up to 4": 0.0006"/0.015mm
- Accuracy above 4": 0.0012"/0.03mm
- Heavy duty frame (3.5mm)

Order No.	Range	List Price	Sale Price
54-100-100-0	0 - 6"/150mm	\$570.00	\$513.00

Accessory

54-115-246-BT	USB Bluetooth Receiver	\$58.00	\$53.00
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IP67 Electronic Calipers

Smart Wireless Communication to most phones or tablets



54-100-556-BT

Features:

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



Order No.	Range	Accuracy	List Price	Sale Price
54-100-556-BT	0 - 6"/150mm	0.001"/0.02mm	\$245.00	\$221.00
54-100-512-BT	0 - 12"/300mm	0.0015"/0.04mm	\$315.00	\$284.00

XTRA-VALUE^{Plus} Electronic Calipers

IP54 protected with inch/metric/fractions



54-103-006-0

Features:

- Inch/Metric/Fraction reading: 0.0005"/0.01mm/ 1/128"
- Heavy Duty frame for extra rigidity and wear resistance
- Super large, easy to read display



Order No.	Range	Accuracy	List Price	Sale Price
54-103-006-0	0 - 6"/150mm	0.001"/0.02mm	\$97.00	\$88.00
54-103-012-0	0 - 12"/300mm	0.0015"/0.04mm	\$186.00	\$168.00

XTRA-VALUE CAL Electronic Calipers

25.3



54-101-150-2



54-101-300-1

Features:

- Stainless steel frame
- Resolution: 0.0005"/0.01mm
- Absolute/Incremental measurement
- 4-way measuring, inside, outside, depth and step
- 6" and 12" regular display models include NIST Cert.



Order No.	Range	Display	Accuracy	List Price	Sale Price
54-101-150-2	0 - 6"/150mm	Regular Display	0.001"/0.02mm	\$70.00	\$63.00
54-101-600-1	0 - 6"/150mm	Large Display with Hold feature	0.0015"/0.04mm	\$80.00	\$72.00
54-101-200-1	8"/200mm	Regular Display	0.0015"/0.04mm	\$120.00	\$108.00
54-101-300-1	12"/300mm	Regular Display	0.0015"/0.04mm	\$200.00	\$180.00
54-101-900-1	12"/300mm	Large Display with Hold feature	0.0015"/0.04mm	\$184.00	\$166.00

Internal and External Calipers

Add greater versatility to your dial, vernier or electronic calipers.



Sale \$59.00

List Price \$65.00

Features

- Robust housing
- Large LCD display
- Reading: 0.01"/0.1mm/1/64ths
- Accuracy: 0.01"/0.3mm/1/64ths
- Spring loaded with locking nut
- Plastic case

Order No.	Description	Range	List Price	Sale Price
54-554-630-0	Outside Caliper Gage	0 - 6"/0 - 105mm	\$65.00	\$59.00
54-554-730-0	Inside Caliper Gage	0.5" - 6"/12.7 - 150mm	\$63.00	\$57.00

Prices & Specifications are subject to change without notice.

Calipers

HIGH PRECISION
Fowler

Carbon Fiber Electronic Calipers



54-100-140-0

Features:

- IP65 protected against fluid and dust
- Lightweight carbon fiber frame
- Stainless steel jaws with ID nibs
- ID/OD pressure device for repeatability
- USB data output (works with 54-520-399-0)
- Preset, ABS/INC, Floating zero, IN/MM, Hold function
- Super large display
- Fitted wooden case



Features constant measuring force mechanism

Order No.	Range	Accuracy	Jaw Depth	Weight	List Price	Sale Price
54-100-124-0	0 - 24"/600mm	0.0020"/0.05mm	5.4"/138mm	2.85 lbs.	\$908.00	\$818.00
54-100-140-0	0 - 40"/1000mm	0.0025"/0.06mm	5.4"/138mm	3.45 lbs	\$1,645.00	\$1,316.00
54-100-160-0	0 - 60"/1500mm	0.0055"/0.13mm	5.9"/150mm	3.45 lbs	\$2,195.00	\$1,866.00

Electronic 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

Order No.	Range	Accuracy	Jaw Depth	List Price	Sale Price
54-100-312-0	0 - 12"/300mm	± 0.002"/0.05mm	3.5"	\$259.00	\$234.00
54-100-024-1	0 - 24"/600mm	± 0.003"/0.075mm	4"	\$429.00	\$387.00
54-100-042-1	0 - 40"/1000mm	± 0.004"/0.1mm	4.9"	\$1,271.00	\$1,144.00

Dial Calipers

With full length depth rod



52-008-024-0

Features:

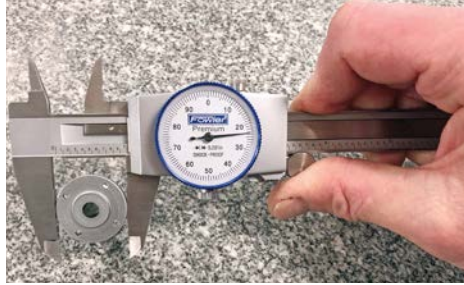
- Graduations: 0.001"
- Jaw depth: 3.125"
- Stainless steel construction
- Satin chrome finish
- Full length depth rod
- 0.50" internal measuring nibs on jaws

Order No.	Range	Accuracy	List Price	Sale Price
52-008-018-0	0 - 18"	± 0.003"	\$210.00	\$189.00
52-008-024-0	0 - 24"	± 0.003"	\$383.00	\$345.00

Premium Grade Dial Calipers

With mono-block housing for added protection.

The mono-block housing design of this Premium Dial Caliper aids in preventing debris from entering the gearing mechanism. The covered rack aids in preventing debris from entering the rack. This helps to ensure years of continued service and accuracy.



Features:

- Tough shockproof gearing with ultra smooth movement
- 4-way measuring, inside, outside, depth and step
- Solid stainless steel construction with lapped measuring faces
- 0.100" range per revolution
- 0.001" reading dial, 0.100" range per revolution

Order No.	Range	Dial Color	Accuracy	List Price	Sale Price
52-008-704-1	0 - 4"	White	± 0.001"	\$105.00	\$79.00
52-008-714-1	0 - 4"	Black	± 0.001"	\$105.00	\$79.00
52-008-706-0	0 - 6"	White	± 0.001"	\$80.00	\$72.00
52-008-707-0	0 - 6"	Black	± 0.001"	\$95.00	\$86.00
52-008-708-0	0 - 8"	White	± 0.0015"	\$145.00	\$131.00
52-008-712-0	0 - 12"	White	± 0.002"	\$165.00	\$149.00
Metric					
52-008-709-0	0 - 150mm	Yellow	± 0.02mm	\$123.00	\$111.00

Prices & Specifications are subject to change without notice.

Calipers

Outside Vernier Micrometers

0.0001" graduations for higher accuracy



52-240-003-1



52-215-003-1

Features:

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

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-240-001-1	0 - 1"	± 0.00016"	Friction	\$43.00	\$39.00
52-240-101-1	0 - 1"	± 0.00016"	Ratchet	\$54.00	\$49.00
52-240-002-1	1" - 2"	± 0.00016"	Friction	\$81.00	\$73.00
52-240-102-1	1" - 2"	± 0.00016"	Ratchet	\$69.00	\$63.00
52-240-003-1	2" - 3"	± 0.0002"	Ratchet	\$65.00	\$59.00
52-240-004-1	3" - 4"	± 0.0002"	Ratchet	\$71.00	\$64.00
52-240-005-1	4" - 5"	± 0.00024"	Ratchet	\$93.00	\$84.00
52-240-006-1	5" - 6"	± 0.00024"	Ratchet	\$98.00	\$89.00
52-240-007-1	6" - 7"	± 0.00028"	Ratchet	\$122.00	\$110.00
52-240-008-1	7" - 8"	± 0.00028"	Ratchet	\$164.00	\$148.00
52-240-009-1	8" - 9"	± 0.00032"	Ratchet	\$143.00	\$129.00
52-240-010-1	9" - 10"	± 0.00032"	Ratchet	\$162.00	\$146.00
52-240-011-1	10" - 11"	± 0.00036"	Ratchet	\$221.00	\$199.00
52-240-012-1	11" - 12"	± 0.00036"	Ratchet	\$225.00	\$203.00

Sets

52-215-003-1	0 - 3" with standards and fitted case	\$184.00	\$166.00
52-215-004-1	0 - 4" with standards and fitted case	\$304.00	\$274.00
52-215-006-1	0 - 6" with standards and fitted case	\$333.00	\$300.00
52-215-012-1	0 - 12" with standards and fitted case	\$1,337.00	\$1,204.00
52-215-612-1	6 - 12" Outside Inch Micrometer Set	\$1,342.00	\$1,141.00

Outside Vernier Micrometers

0.001" readings



52-253-001-1



Features:

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

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-253-001-1	0 - 1"	± 0.001"	Friction	\$57.00	\$49.00
52-253-101-1	0 - 1"	± 0.001"	Ratchet	\$76.00	\$65.00
52-253-002-1	1" - 2"	± 0.001"	Friction	\$61.00	\$52.00
52-253-102-1	1" - 2"	± 0.001"	Ratchet	\$50.00	\$43.00
52-253-003-1	2" - 3"	± 0.001"	Ratchet	\$93.00	\$80.00
52-253-004-1	3" - 4"	± 0.001"	Ratchet	\$73.00	\$63.00
52-253-005-1	4" - 5"	± 0.001"	Ratchet	\$81.00	\$69.00
52-253-006-1	5" - 6"	± 0.001"	Ratchet	\$90.00	\$77.00

Digit Counter Micrometers

0.001" digit counter.



52-224-001-1

Features:

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

Order No.	Range	Accuracy	List Price	Sale Price
52-224-001-1	0 - 1"	0.00016"	\$154.00	\$131.00
52-224-002-1	1" - 2"	0.00016"	\$199.00	\$170.00
52-224-003-1	2" - 3"	0.0002"	\$227.00	\$193.00
52-224-004-1	3" - 4"	0.0002"	\$219.00	\$187.00

Set

52-224-103-0	0 - 3" set (set finished in grey enamel)	\$459.00	\$391.00
52-224-104-0	0 - 4" set (set finished in grey enamel)	\$847.00	\$720.00
52-224-220-0	0 - 75mm set (set finished in grey enamel)	\$537.00	\$457.00

Prices & Specifications are subject to change without notice.

RAPID-MIC

Quick-Displacement Electronic Micrometers

Fastest micrometer on the market!



Features:

- IP67 protected against fluid and dust
- Non-rotating spindle with 0.39"/10mm travel per thimble rotation
- Adjustable measuring force, 5N/10N (54-815-030-0 and 54-815-130-0 only)
- Menu customizable with free software
- Larger sizes and specialty anvil micrometers also available (special order)



54-815-111-0

Calibration certificates available for all sizes.

Order No.	Range	Accuracy	List Price	Sale Price
54-815-030-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$834.00	\$793.00
54-815-110-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$2,162.00	\$2,054.00
Set				
54-815-111-0	0 - 4"/0 - 102mm		\$4,178.00	\$3,970.00
Bluetooth Models				
54-815-130-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$1,314.00	\$1,249.00
Bluetooth Set				
54-815-112-0	0 - 4"/0 - 102mm	0.00020"/0.005mm	\$5,977.00	\$5,679.00
Connectivity Cables/Accessories				
54-981-724-5	Sylcom Pro (digital license)		\$2,635.00	\$2,504.00
54-981-713-2	Sylcom Standard (dongle license)		\$1,102.00	\$1,047.00
54-115-526-0	Proximity cable with USB Connection		\$251.00	\$226.00
54-115-527-0	Proximity cable with Serial Connection		\$277.00	\$250.00
54-115-246-BT	USB Bluetooth Receiver		\$58.00	\$53.00

Electronic Coolant Resistant Micrometers

For basic outside measurements with higher protection.



54-860-001-1

Features:

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



Order No.	Range	Accuracy	List Price	Sale Price
54-860-001-1	0 - 1"/0 - 25mm	± 0.00016"/0.004mm	\$197.00	\$178.00
54-860-002-1	1 - 2"/25 - 50mm w/standard	± 0.00016"/0.004mm	\$211.00	\$190.00
54-860-003-1	2 - 3"/50 - 75mm w/standard	± 0.0002"/0.005mm	\$221.00	\$199.00
Set				
54-860-103-1	0 - 3"/0 - 75mm w/standards		\$599.00	\$540.00

XTRA-VALUE II Electronic Micrometers



54-870-001-0

Features:

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



Order No.	Range	Accuracy	List Price	Sale Price
54-870-001-0	0 - 1"/0 - 25mm	± 0.00016"/0.004mm	\$94.00	\$85.00
54-870-002-0	1" - 2"/25 - 50mm	± 0.00016"/0.004mm	\$135.00	\$122.00
54-870-003-0	2" - 3"/50 - 75mm	± 0.0002"/0.005mm	\$161.00	\$145.00

Prices & Specifications are subject to change without notice.

Electronic IP54 Blade Micrometers



Sale \$364.00

List Price \$454.00

Features:

- Blade anvil for grooves and hard to reach dimensions
- IP54 protected against fluid and dust
- Blades are 0.030" thick x 0.255" long
- Friction thimble
- Range: 0-1"/25mm
- Resolution: 0.00005"/.001mm
- Accuracy: 0.00016"/.004mm
- Automatic shut off



Vernier Inch Blade Micrometers



52-246-001-1

Sale \$255.00

List Price \$283.00

Features:

- Anvil & spindle hardened & precision ground with microlap finish on ends
- Non-rotating spindle
- Ratchet thimble
- Blade thickness = 0.030"; blade width = 0.256"; blade penetration = 0.315"
- Sizes over 1" include a standard

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-246-001-1	0 - 1"	0.0001"	0.0001"	\$283.00	\$255.00
52-246-002-1	1" - 2"	0.0001"	0.00016"	\$308.00	\$278.00

Electronic IP65 Thread Micrometers

For accurate pitch diameter measurements.



54-219-001-0



Features:

- IP65 protected against fluid and dust
- 60° measuring anvils
- Absolute and incremental measuring mode
- Resolution: 0.00005"/0.001mm
- Friction thimble

Order No.	Range	Thread Range	Accuracy	List Price	Sale Price
54-219-001-0	0 - 1"/0 - 25mm	64 - 5 TPI/0.4 - 5mm	± 0.00008"/0.002mm	\$437.00	\$394.00
54-219-002-0	1 - 2"/25 - 50mm	44 - 3.5 TPI/0.6 - 7mm	± 0.00008"/0.002mm	\$405.00	\$365.00
54-219-003-0	2 - 3"/50 - 75mm	24 - 3.5 TPI/1 - 7mm	± 0.00008"/0.002mm	\$399.00	\$360.00

Vernier Thread Micrometers



52-219-001-1

Sale \$139.00

List Price \$154.00

Features:

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

Order No.	Range	Thread Range	Accuracy	List Price	Sale Price
52-219-001-1	0 - 1"	64 - 5 TPI / 0.4 - 5mm	0.00016"	\$154.00	\$139.00

IP54 Electronic Depth Micrometer



Sale \$259.00

List Price \$287.00

Features:

- IP54 protected against fluid and dust
- Range: 0 - 6"/150mm
- Accuracy: 0.00016"/0.004mm
- Resolution: 0.00005"/0.001mm
- Base surface hardened and microlapped to 0.00008" flatness
- Rod diameter: 0.176"

Order No. 54-225-456-0



Depth Micrometers

Features:

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



Sale \$215.00

List Price \$238.00

Order No. 52-225-110-0

Order No.	Range	Graduation	Accuracy	Base Size	List price	Sale Price
52-225-110-0	0 - 4"	0.001"	0.0002"	2.5"	\$238.00	\$215.00
52-225-112-0	0 - 6"	0.001"	0.0002"	2.5"	\$234.00	\$211.00
52-225-114-0	0 - 4"	0.001"	0.0002"	4"	\$187.00	\$169.00
52-225-116-0	0 - 6"	0.001"	0.0002"	4"	\$219.00	\$198.00

Interchangeable Anvil Bluetooth Depth Gage

Features:

- Supplied standard with mono-plane measuring probe
- Measure normal or inverted positions using the same probe
- Optional measuring inserts available
- Coolant proof, dust proof - IP67
- Bluetooth communication for error free data collection
- 4" measuring base. 8" & 12.5" base attachments available
- Available in 3 ranges. 8", 12" & 19"
- Frame made of hardened stainless steel
- Sleep mode after 20 minutes and automatic wake-up with movement



Sale \$1,709.00

List Price \$1,798.00

Order No. 54-139-160-1

X-DEPTH 22-E 0 - 22" Electronic Depth Gage

Provides rapid electronic measurement of hole depths.

Features:

- 0-1" AGD Group 2
- Accuracy: 0.001"/0.03mm
- Resolution: 0.0005"/0.01mm
- 4" base ground and lapped for flatness
- Rods connect for 22" capacity
- Includes 2 extra points (spline & needle)
- Tolerance function



Sale \$175.00

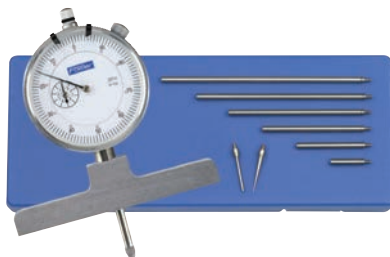
List Price \$194.00

Order No. 54-125-777-0

X-DEPTH 22 0 - 22" Dial Depth Gage

Features:

- 0 - 1" travel indicator with 4" base
- 0.001" Graduations
- Rods connect together for full 22" capacity
- Satin chrome finish
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long



Sale \$113.00

List Price \$125.00

Order No. 52-125-006-1

Mark VI Sylvac Electronic Indicators

Features:

- IP54 protected against fluid and dust
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Functions (MIN/MAX/DELTA, TOL, Factor, Preset, Auto Off)
- Large display with LED tolerance indicators

Order No. 54-530-335-0



Calibration certificates available for all sizes

Order No.	Range	Accuracy	Resolution	List Price	Sale Price
Low Resolution					
54-530-125-0	0 - 0.500"/12.5mm	0.0004"/0.01mm	0.0005"/0.01mm	\$769.00	\$731.00
54-530-145-0	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	\$877.00	\$834.00
High Resolution					
54-530-135-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$950.00	\$903.00
54-530-155-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$966.00	\$918.00
54-530-175-0	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	\$1,823.00	\$1,732.00
Bluetooth					
54-530-335-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$1,202.00	\$1,142.00
54-530-355-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$1,162.00	\$1,104.00
Accessories					
54-981-724-5	Sylcom Pro (digital license)			\$2,635.00	\$2,504.00
54-981-713-2	Sylcom Standard (dongle license)			\$1,102.00	\$1,047.00
54-115-246-BT	USB Bluetooth Receiver			\$58.00	\$53.00

INDI-X^{blue}

Electronic Indicators

Our most popular electronic indicators.

Features:

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



54-520-255-0



54-520-250-0



54-520-260-0

Calibration certificates available for all sizes

Order No.	Range	Accuracy	List Price	Sale Price
54-520-255-0	0.50"/12.5mm	± 0.001"/0.03mm	\$91.00	\$82.00
54-520-250-0	1"/25mm	± 0.001"/0.03mm	\$88.00	\$80.00
54-520-260-0	1"/25mm	± 0.001"/0.03mm	\$109.00	\$99.00

Premium Dial Indicators

Smooth, accurate and built tough.

Features:

- AGD Group 2 specifications
- Accuracy meets ANSI standards
- Shockproof gearing
- Jeweled movement
- Tolerance markers
- Solid steel housing
- Carbide contact point
- Includes NIST Certification



52-520-135-0

52-520-105-0

52-520-110-1

Order No.	Range	Graduation	Reading	Balanced Reading	Dial Color	List Price	Sale Price
52-520-135-0	0.05"	0.0001"	0 - 10	0 - 5 - 0	White	\$238.00	\$191.00
52-520-105-0	0.50"	0.001"	0 - 100	0 - 50 - 0	White	\$123.00	\$99.00
52-520-110-1	1"	0.001"	0 - 100	—	Black	\$70.00	\$56.00
52-520-110-2	1"	0.001"	0 - 100	—	White	\$70.00	\$56.00
52-520-120-0	2"	0.001"	0 - 100	—	White	\$186.00	\$149.00
52-520-129-0	1"	0.0005"	0 - 50	0 - 25 - 0	White	\$43.00	\$35.00
52-520-300-0	10mm	0.01mm	0 - 100	0 - 50 - 0	White	\$148.00	\$119.00
52-520-500-0	25mm	0.01mm	0 - 100	0 - 50 - 0	White	\$178.00	\$142.00

Magnetic Indicators

Features:

Mag Back:

- Attaches to most 4 hole indicator backs

AGD Group 2 Indicator Features:

- 1" travel
- AGD group 2
- 2-1/4" dial diameter
- Reading: 0.001"
- Continuous reading: 0-100
- Revolution counter
- Tolerance indicators

Sale \$59.00

List Price \$65.00

Order No. 52-520-485-0



Order No.	Description	List Price	Sale Price
52-520-485-0	Magnetic Back with AGD Group 2 Indicator	\$65.00	\$59.00
52-585-495-0	Magnetic Back (for 4 hole backs with 1.8" centerline distance only)	\$29.00	\$24.00

Depth Base Attachments

Features:

- Turn your dial or electronic indicator into a depth gage
- 4" length
- Fits indicators with 3/8" and 8mm mounting stems
- Ground and lapped base
- Each supplied with 4 extension points, for added application range (4 - 48 thread)
- 52-125-005-0 has 0.430" radius



Order No. 52-125-004-0

Order No.	Description	List Price	Sale Price
52-125-004-0	Flat depth base attachment	\$52.00	\$47.00
52-125-005-0	Radius style depth base attachment	\$57.00	\$52.00

Prices & Specifications are subject to change without notice.

QuadraTest

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")
- 54-562-890-BT is capable of interchanging contact point lengths



54-562-777-BT



Calibration certificates available for all sizes.

Order No.	Range	Contact Point Length	List Price	Sale Price
54-562-777-BT	0.030"/0.80mm	1/2"	\$888.00	\$844.00
54-562-888-BT	0.080"/2.0mm	1-7/16"	\$906.00	\$861.00
54-562-890-BT	0.030"/0.80mm	1/2"	\$1,094.00	\$1,040.00
	0.080"/2.0mm	1-7/16"		

X-TEST®

Horizontal & Vertical Test Indicators

Features:

- Super smooth jeweled movement
- Smooth bezel adjustment for easy zero setting
- Accuracy meets DIN 2270 standards
- 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



52-562-003-0



52-562-002-BD

Order No.	Graduation	Dial Size	Dial Reading	List Price	Sale Price
Horizontal					
52-562-001-0	0.0005"	1-1/2"	0 - 15 - 0	\$162.00	\$146.00
52-562-002-BD	0.0005"	1-1/2"	0 - 15 - 0	\$185.00	\$167.00
52-562-003-0	0.001"	1"	0 - 15 - 0	\$175.00	\$158.00
52-562-008-0	0.01mm	38mm	0 - 40 - 0	\$185.00	\$167.00
Vertical					
52-562-004-0	0.0005"	1-1/2"	0 - 15 - 0	\$182.00	\$164.00
52-562-005-0	0.0005"	1"	0 - 15 - 0	\$202.00	\$182.00

Indi-X Blue Electronic Indicator and Stand Combo



Sale \$180.00

List Price \$199.00

Features:

- Direct Inch/Metric/Fraction conversion
- Auto off feature
- Lugback and 3/8" stem mountings
- Resolution: .0005"/.01mm/64ths
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Stand:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Column height is 8"

Order No. 54-580-250-0



Fine Adjust Mag Base With Black Dial Indicator Set

Indicator Features:

- Range: 0-1"
- Graduation: 0.001"
- Meets AGD specifications
- Continuous reading 0-100
- Revolution counter
- Tolerance indicators

Magnetic Base Features:

- Fine adjustment
- Base dimensions: 2" x 2-11/32" x 1-13/16"
- Also mounts test indicators with 1/4" post
- 85 lb. pull
- On-Off lever release magnet
- V-base for placing on round surfaces

Sale \$85.00

List Price \$94.00

Order No. 52-520-199-0

Fine Adjust Mag Base Set with Mag Back

With **INDI-X blue** Electronic Indicator or AGD White face Indicator

AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: 0.001"
- Continuous reading: 0 - 100
- Carbide tipped point



Indi-X blue features:

- Resolution 0.0005"/0.01mm
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Tolerance function
- Absolute/incremental reading
- Floating zero

Magnetic Base features:

- 85 lb. pull
- Fine adjustment
- V-bottom base

Magnetic Indicator Back features:

- Use for positioning the indicator on most metal surfaces
- Protective coating

Order No.	Description	List Price	Sale Price
54-585-075-0	Fine Adjust Mag Base Set w/Indi-X blue Indicator Set	\$161.00	\$145.00
52-585-125-0	Fine Adjust Mag Base Set w/AGD Dial Indicator Set	\$199.00	\$170.00



Granite Dial Gage Stand

Sturdy with 0.00005" flatness

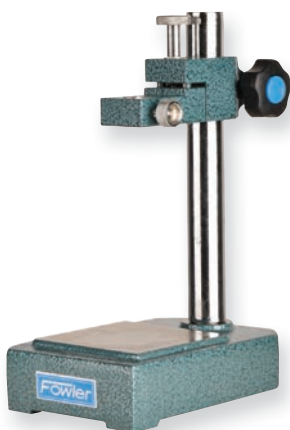
Features:

- 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

Order No. 52-580-030-0

Sale \$135.00

List Price \$149.00



Deluxe Dial Gage Stand

Holds indicators and probes for thickness and comparative measurements.

Features:

- Quick positioning and adjustment
- Zero settings with fine adjustment
- Fine adjustment of $5/32"$
- Holds indicators with stems of $3/8"$ and 8mm
- Working surface of $3-1/2" \times 3-1/2"$

Order No. 52-580-015-0

Sale \$433.00

List Price \$481.00



Height Transfer & Squareness Gage

Small and compact

Features:

- Used for a variety of surface plate applications
- Large fine adjustment knob for precise control
- Swivel clamp anchors swivel and indicator for added accuracy
- Rear surface of the gage has a reference surface to place against a master for checking squareness
- Includes a 7.5" post, indicator rod

Order No. 53-620-010-0

Sale \$381.00

List Price \$423.00

Indicator and standard shown not included

Hydraulic Arm Magnetic Base

Heavy duty holding power.

Features:

- Adjusts to virtually any position
- All purpose magnetic base with 180 lbs. of pulling power
- Fine adjustment
- Base can be mounted vertically as well as horizontally,
- V-bottom base allows mounting on cylindrical surfaces

Order No. 52-585-095-0



Magnetic Bases

Features:

- 9.5" Height and 85 lb. pull
- Base dimensions are 2" x 2-11/32" x 1-13/16" (50mm x 58.7mm x 46mm)
- Accepts all AGD dial indicators
- V-bottom base allows mounting on cylindrical surfaces
- Mounts test indicators with 1/4" post mount

52-585-005-0



52-585-010-0



Order No.	Description	List Price	Sale Price
52-585-005-0	Magnetic Base	\$77.00	\$62.00
52-585-010-0	Magnetic Base with fine adjustment	\$83.00	\$67.00

Flex Arm Magnetic Bases

Adjustable to any position.

Features:

- All purpose magnetic base with 100 lbs. of pulling power
- Base can be mounted vertically as well as horizontally
- V-bottom base allows mounting on cylindrical surfaces
- Accepts AGD indicators as well as Test Indicators with a stem

Chrome Flex Arm Features:

- Corrosion resistant chrome plated flex arm
- 100 lb pull magnetic base

52-585-015-0



52-585-045-0



Order No.	Description	List Price	Sale Price
52-585-015-0	Flex Arm Magnetic Base	\$85.00	\$77.00
52-585-045-0	Chrome Flex Arm Magnetic Base	\$134.00	\$121.00

Clinotronic-S

The Clinotronic-S is a portable precision instrument for measuring inclinations up to $\pm 45^\circ$. The large, backlit, high contrast color display provides excellent readability even under adverse conditions in the workshop or under a machine.

The Clinotronic-S can be connected to an Android™ device, which can then be used as a remote display. This new feature makes the instrument much more versatile and suitable for many applications. It is built on the success of the Clinotronic PLUS, while retaining the features that made it famous, like its reliability and versatility, plus it adds the latest technology:



Features:

- Wireless functionality (APP wylerUNIVERSAL for Android™), USB cable as well
- Accuracy: ± 3 arc minutes at 45°
- User friendly
- Adjustable to local gravity
- Improved mechanical accuracy
- Excellent color display with low power consumption

Order No. 54-635-605-0

Sale \$4,795.00

List \$5,327.00

Clinotronic Plus

Clinotronic Plus is an electronic level with unsurpassed versatility. It is economically priced, uses a specially designed microprocessor and the well-proven Wyler inclination sensor.



Features:

- Range of $\pm 45^\circ$, capacity of $0-360^\circ$
- Accuracy: ± 3 arc minutes at 45°
- Resolution of 0.01° (selectable)
- Absolute or relative measuring mode selectable by push button
- Seal-tec technology for excellent performance even in difficult environmental conditions
- Interface connection RS-232 is integrated. Special purpose cables available
- No loss of calibration data by power failure
- Response time: value available within 5 seconds
- Repeatability: $< 0.01^\circ$
- Linearity: 3 min. of arc + 1
- Housing: aluminum hard anodized.
- Dimensions: $4 \times 3 \times 1$ " ($100 \times 75 \times 30$ mm)

Sale \$3,267.00

List \$3,629.00

Order No. 54-635-601-0

Digi Level**PLUS+**

with smart wireless data

**Features:**

- IP65 protected against fluid and dust
- Includes a 6" straight edge with beveled edge and 1/32nds graduations
- V's on top and bottom for measuring on cylindrical surfaces
- Embedded magnets on bottom base for vertical and horizontal hold
- Accuracy: $\pm 0.2^\circ$
- Resolution: 0.050°

Sale \$177.00

List Price \$196.00

Order No.	Description	List Price	Sale Price
54-422-550-0	Digi-Level PLUS	\$163.00	\$147.00
54-422-550-BT	Digi-Level PLUS with smart wireless	\$196.00	\$177.00

mini-MAG Protractor

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

Features:

- Accuracy: $\pm 0.2^\circ$
- Resolution: 0.05°
- 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!



Order No. 54-422-450-1

Sale \$102.00

List Price \$113.00

mini-MAG PLUS Protractor

The Mini-Mag PLUS Protractor features a USB rechargeable battery, a backlit display, Tilt% function and IP54 protection against water, oil, and fluids.

Features:

- IP54 protected against fluid and dust
- Auto off after 5 minutes
- Embedded magnets
- Display automatically inverts
- Smaller size: 2.12" x 2.12" x 0.9"
- Measuring range: 360° (4 × 90)
- Accuracy: $\pm 0.2^\circ$
- Resolution: 0.05°
- Hold feature
- Zero function

**Sale \$85.00**

List Price \$94.00

Order No. 54-422-500-0

**54-440-775-1****54-440-740-1**

Digi-Level PRO Electronic Protractors

Includes embedded magnets for unique measurement areas.
On/Off, Zero, Hold and Reverse features.

Features:

- Ideal for fabrication applications
- Embedded 25 lb. pull magnets
- Full, 360° measuring range
- Accuracy: $\pm 0.2^\circ$
- Repeatability: $\pm 0.05^\circ$
- Resolution: 0.1°
- Includes standard 3V lithium battery

Order No.	Description	List Price	Sale Price
54-440-740-1	4" Digi-Level PRO	\$105.00	\$95.00
54-440-775-1	12" Digi-Level PRO	\$141.00	\$127.00



Square, Protractor and Center Head With 12" Blade

Features:

- Blades are chrome plated, fully hardened and tempered
- Square head has level and scribe point
- Double indexed protractor is graduated 180° in both directions
- Graduated in 8ths, 16ths, 32nds and 64ths

Order No. 52-370-012-0

Sale \$152.00

List Price \$202.00

X-BLOX® V-Block Set

2 each @:

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

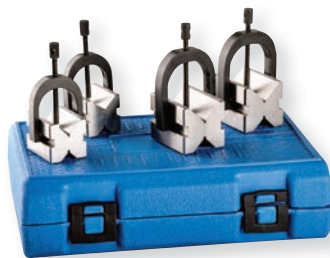
2 each @:

- 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"

Order No. 52-475-500-0

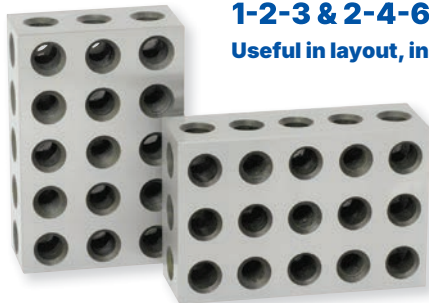


Sale \$186.00

List Price \$206.00

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

Order No.	Description	Accuracy	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	± 0.0001"/1"	\$60.00	\$54.00
52-439-032-0	1-2-3 Blocks	± 0.0002"/1"	\$113.00	\$102.00
52-439-246-0	2-4-6 Blocks	± 0.0003"/1"	\$225.00	\$203.00

1/8" Parallel Set

Features:

- 2 each of 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8" heights
- Absolute heights are nominal
- Hardness: 50 HRC, 6" length
- 52-437-000-0 paired in height: 0.001"

Order No. 52-437-000-0



Sale \$190.00

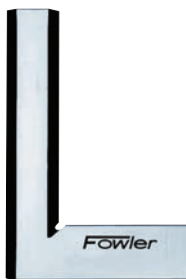
List Price \$211.00

Prices & Specifications are subject to change without notice.

25.3

Shop Tools

Fowler®
HIGH PRECISION



Bevel Edge Squares

Features:

- Designed for layout & measurement work
- Squares have accurate right angles both inside and outside
- Made from a single piece of fully seasoned tool steel
- Beams and blades are ground and lapped for straightness and parallelism.
- Blades beveled both edges
- Fully hardened to Rockwell 55C
- Packed in individual carton
- Accuracy = $\frac{0.00008"}{100,000}$ + Length (blade)

Order No.	Blade Length	Beam Length	List Price	Sale Price
52-426-005-0	4-7/8"	3-1/8"	\$101.00	\$91.00
52-426-006-0	6-5/16"	3-15/16"	\$76.00	\$69.00
52-426-008-0	7-7/8"	5-1/8"	\$132.00	\$119.00

Cylindrical Squares

Features:

- Used for checking squares, height gages and other instruments
- Hardened and the ends are lapped to 90° angular accuracy
- 6" cylindrical squares: $\pm 0.0001"$
- 12" cylindrical squares: $\pm 0.00015"$



Order No.	Description	List Price	Sale Price
52-750-006-0	6" Height/3" Ø	\$297.00	\$268.00
52-750-012-0	12" Height/4" Ø	\$553.00	\$498.00

Gage Ball Sets

Features:

- Ball gages are ground and lapped chrome steel
- Hardened to 63RC
- Grade 24 accuracy - AFBMA certificate
- Within .0001" of actual size
- Sphericity within .000025"
- Surface finish to 1.5 micro inches
- 52-438-766 Set includes 26 pairs
- Pair sizes in inches: 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 13/16, 7/8, 15/16 and 1"
- 52-438-777-0 Set includes 25 pairs
- Pair sizes in mm: 1mm through 25mm



52-438-766-0

Sale \$99.00

List Price \$109.00

Order No.	Description	List Price	Sale Price
52-438-766-0	52 piece Gage Ball Set	\$109.00	\$99.00
52-438-777-0	50 piece Metric Gage Ball Set	\$120.00	\$108.00

SHOP-BLOX® Rectangular Gage Block Sets

25.3



Features:

- Manufactured to meet Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
- Certificate of Calibration traceable to NIST
- Tolerances to ± 0.00005 "
- In high-quality fitted case

Order No.	Description	List Price	Sale Price
53-672-036-0	36 pieces	\$205.00	\$175.00
53-672-081-0	81 pieces	\$295.00	\$250.00

QUICK CHECK Multi-Function Check Standard



Features:

- Accuracy: ± 0.00012 "/0.003m
- One compact, multi-function, precise standard
- Can be used to check and verify a multitude of measuring instruments
- Checks calipers, micrometers, depth gages, bore gages, test and dial indicators, caliper gages, height gages, protractors, combination sets and more
- Supplied with a manufacturer's test certificate and fitted wood case
- All sizes marked are actual

Sale \$1,905.00

List Price \$2,116.00

Order No. 53-813-015-0

Shop Tools

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



TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION

Order No.	Description	List Price	Sale Price
52-710-025-0	2D Coaxial Set - Inch	\$288.00	\$268.00
52-710-030-0	2D Coaxial Set - Metric	\$260.00	\$242.00

52-710-025-0

Z-CHECK 65 PLUS+

Z-Axis Tool Setter

Features:

- Supplied with zero reference setting block
- IP65 protected against fluid and dust
- Back light turns on when zero reference is achieved
- 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



Display lights when
ZERO reference
is reached



Sale \$136.00

List Price \$151.00

TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION

Order No. 54-188-200-0

Electronic Edge Finders



54-575-600-0



54-575-625-0



54-575-650-0

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



Order No.	Stylus	Shank	Audible	List Price	Sale Price
54-575-600-0	0.200"	1/2"	NO	\$51.00	\$46.00
54-575-625-0	0.200"	1/2"	NO	\$165.00	\$159.00
54-575-650-0	0.400"	3/4"	YES	\$165.00	\$159.00

HIGH Accuracy Z-Axis Detectors

For use in CNC machines and other applications where high accuracy is required.



Sale \$321.00

List Price \$356.00

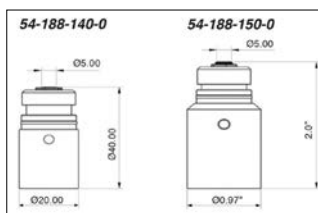


Micro Drill
Application



Features:

- IP67 protected against fluid and dust
- High accuracy and repeatability, $\pm 0.000039"/0.001\text{mm}$
- Carbide touch surface (0.196"/5mm)
- High precision bearing guide system for long life
- Interchangeable magnetic base
- High visibility LED indicator
- Movement stroke 0.078"/2mm
- Battery life approximately 250 hours (on time)



Order No.	Model	Description	List Price	Sale Price
54-188-150-0	Inch	Height: 2"/50.8mm, Dia. 0.97"/24.638mm	\$312.00	\$281.00
54-188-140-0	Metric	Height: 1.57"/40mm, Dia. 0.78"/20mm	\$356.00	\$321.00

Bore Gage Setting Master Kits

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

Each Set includes:

Setting Device

- Base anvil: 3.950" x 1.050"
- Adjustable anvil: 2.375" x 0.375" (two of each)
- Internal capacity: 6"/150mm
- Centralizer capacity width: 2.750"
- Quick-release holder for fast adjustment

Economy Gage Block Sets

Inch model:

- 36 piece
- Tolerances to 0.00005"
- Certificate of Calibration to NIST

Metric model available.

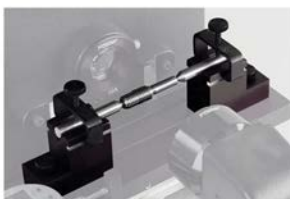


Bore gage shown not included

Order No.	Description	List Price	Sale Price
53-646-000-1	Inch Bore Gage Setting Master Kit	\$501.00	\$451.00
53-646-005-0	Bore Gage Setting Master Kit - without Gage Blocks	\$287.00	\$259.00

Prices & Specifications are subject to change without notice.

Optical Comparator with Accessory Package



**Includes:
T-Slot V-Blocks
& T-Slot Centers
shown**

The Fowler comparator is economically designed for basic comparative and absolute measurements and includes:

- 10x Lens
- 12" 1 Quadrant protractor screen
- T-slot stage with 6" horizontal travel and 2.5" vertical travel
- 1 pair of t-slot mounted V-blocks
- 1 pair of t-slot mounted centers
- 2 Indi-X Indicators (page 30):
1"/25mm capacity with 0.0005"/0.01mm resolution

Order No.	Description	List Price	Sale Price
53-900-000-0	12" Basic Bench Top Optical Comparator without Accessories	\$4,014.00	\$3,412.00
53-900-100-0	Optical Comparator with Accessory Package	\$4,291.54	\$3,648.00
Accessories			
53-900-020-0	20x Lens	\$358.00	\$287.00
53-900-040-0	40x Lens	\$340.00	\$306.00

10x Pocket Optical Comparator with 9 reticles

Fowler's 10x Pocket Optical Comparator magnifies images which are sharp, undistorted and free of aberrations. Convenient for checking angles, thread measurements, hole sizes and more. This 10x comparator is widely used by machinists, toolmakers and inspectors in the industry.



Features:

- Scales are photo-etched into a glass reticle which is placed in actual contact with the measured object, obtaining simultaneous enlarged images of the scale.
- Reticles (protected in individual plastic cases) are easily interchanged by a screw-in mount.
- Measures radii, diameters, angles, hole sizes, pitch and thicknesses.

Sale \$153.00

List Price \$179.00

Order No. 52-664-009-0



Portable Roughness Tester II

Quick, easy roughness testing

The X-Pro Portable Roughness Tester II can be used for various applications by selecting from a variety of accessories including special application probes and a swivel stand.

RS232 data output is available on additional models (contact the Fowler technical department for more information 1-800-788-2353)



(X-Pro shown with optional stand with swivel)



Features:

- Small, compact size
- 2 selectable parameters: Ra and Rz
- Large LCD display
- Meets ISO and DIN standards
- NIST traceable specimen included
- Uses 9 volt battery (approx. 3000 measurements)
- Special application probes available

X-Pro Portable Roughness Tester II

Order No.	Description	List Price	Sale Price
54-410-500-0	Portable Surface Roughness Tester 0.0004" probe (NIST specifications)	\$2,362.00	\$2,126.00
54-410-600-0	Portable Surface Roughness Tester 0.0002" probe (DIN specifications)	\$2,362.00	\$2,126.00
54-400-896-0	Adjustable height stand for roughness testers	\$740.00	\$666.00

Tool Set 300 Presetter

Used for the quick checking of heights and diameters (radii) of various types of machine tools. Accuracy is guaranteed by a precise steel measuring column and displacement devices in X and Z coordinates utilizing constant measuring force.

Tool Holding Spindle

Tool presetter is supplied with high precision tool pot (Grade 0)

- ISO 40 or 50 taper
- Less than 0.00008"/0.002mm concentricity error

Features:

- Measuring range: (X)11.8"/300mm, (Z)15.7"/400mm
- Min/Max functions for TIR readings
- 2 reference indications
- Preset and Tolerance value inputs
- Radius or diameter indication on X-axis display
- Resolution: 0.00005"/0.001mm
- Floating zero function anywhere within axis range
- Carbide measuring insert for durability
- Counter balanced measuring carriage
- Constant measuring force in both axes
- High precision Swiss measuring system



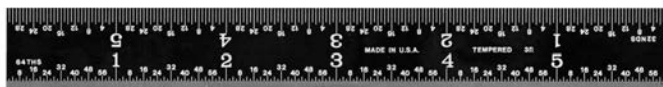
54-188-300-0



Order No.	Description	List Price	Sale Price
54-188-300-0	Tool Presetter with 50 Taper Tool Pot	\$12,507.00	\$11,257.00
54-188-304-0	Tool Presetter with 40 Taper Tool Pot	\$12,507.00	\$11,257.00

Prices & Specifications are subject to change without notice.

Steel Rules



- Tempered steel
- Etched, non-glare, black finish
- 5R graduations: 32nds & 64ths, 10ths & 100ths
- 4R graduations: 8ths, 16ths, 32nds, & 64ths
- 16R graduations: 32nds, 64ths, 50ths, & 100ths
- Flexible rules: 0.020" thick
- Gold rules are titanium coated

Order No.	Graduation	Flexibility	Finish	Size	List Price	Sale Price
52-295-006-0	4R	Flexible	Satin Chrome	6"	\$16.00	\$14.00
52-297-006-0	4R	Flexible	Black	6"	\$18.00	\$13.00
52-299-006-0	4R	Flexible	Golden	6"	\$39.00	\$35.00
52-295-012-0	4R	Flexible	Satin Chrome	12"	\$32.00	\$27.00
52-297-012-0	4R	Flexible	Black	12"	\$31.00	\$22.00
52-299-012-0	4R	Flexible	Golden	12"	\$68.00	\$62.00
52-300-006-0	5R	Flexible	Satin Chrome	6"	\$20.00	\$14.00
52-307-006-0	5R	Flexible	Black	6"	\$18.00	\$13.00
52-309-006-0	5R	Flexible	Golden	6"	\$46.00	\$35.00
52-300-012-0	5R	Flexible	Satin Chrome	12"	\$31.00	\$26.00
52-307-012-0	5R	Flexible	Black	12"	\$30.00	\$21.00
52-308-006-0	16R	Flexible	Black	6"	\$15.00	\$13.00
52-310-006-0	16R	Flexible	Satin Chrome	6"	\$20.00	\$14.00
52-308-012-0	16R	Flexible	Black	12"	\$24.00	\$22.00
52-310-012-0	16R	Flexible	Satin Chrome	12"	\$30.00	\$27.00
52-330-006-0	4R	Rigid	Satin Chrome	6"	\$23.00	\$17.00
52-337-006-0	4R	Rigid	Black	6"	\$20.00	\$14.00
52-330-012-0	4R	Rigid	Satin Chrome	12"	\$32.00	\$29.00
52-337-012-0	4R	Rigid	Black	12"	\$34.00	\$24.00
52-350-006-0	16R	Rigid	Satin Chrome	6"	\$17.00	\$15.00
52-338-006-0	16R	Rigid	Black	6"	\$17.00	\$14.00
52-350-012-0	16R	Rigid	Satin Chrome	12"	\$36.00	\$29.00
52-338-012-0	16R	Rigid	Black	12"	\$29.00	\$24.00

Pocket Steel Rule



- Rounded edge prevents damage to shirt pocket
- Rule width: 0.470"
- Inch graduations are in 64ths
- Rule thickness: 0.021"
- Metric scale is in 1mm increments

Order No.	Description	List Price	Sale Price
52-380-100-0	6"/150mm Pocket Steel Rule	\$11.00	\$10.00

THE FUTURE OF INSPECTION

AUTOMATED ROBOTS + OPTICAL SCANNING

Let the robot handle repetitive inspections & free up resources for other tasks

Robot pick
capacity of
5kg

3D Camera
identifies part
from pick bin

Cobot places part in
SCAN S25T

Live data
with Sylvac
software

Touchscreen controls

Cobot handles
sorting

1 See

3D camera
precisely
identifies and
locates your
parts, even
when they're
randomly
arranged in a
bin

2 Pick

The robot arm
intelligently
picks a single
part and
transfers it with
fluid precision
to the SCAN
machine

3 Inspect

Part is placed
into the Sylvac
SCAN S25T for
a complete,
non-contact
inspection
in about 30
seconds

4 Sort

The robot
places part
into a "Pass,"
"Fail," or
"Rework" bin
based on the
inspection
results



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