

TOOL-A-THON®



over 100 NEW
Tool-A-Thon items!

Volume 21.2 Valid May 1st - Aug. 31th

www.fowlerprecision.com

NEW PRODUCTS!



Quadra Check

Page 10 · Bluetooth Test Indicators

Mini S_Dial Indicators Page 10 · Bluetooth, small sized

Hi_Cal Height Gages
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Roto Dial Holder

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Xtra-Height PLUS

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Xtra-MAG Height PLUS

Page 47 • Limited space height gage

Space X-BLOX PLUS Sets

Page 50 · Work set-up sets



Xtra-Tri PLUS Square Set

Page 50 · Layout and measuring squares

Weight & Counting ScalePage 55 • 66 lb. capacity



Fowler Sylvac Ultralight IV **Electronic Calipers**

The Fowler Sylvac Ultralight IV, new design, new features, built-in Bluetooth transmitter. Discover our amazing Ultralight long range calipers.





Features:

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













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

<u>Specifications</u>	54-110-512-0	54-110-524-0	54-110-540-0	54-110-560-0	54-110-580-0	54-110-600-0	
Measuring Range	0-15"/0-400mm	5"/0-400mm 0-24"/0-600mm		0-60"/0-1500mm	0-80"/0-2000mm	0-100"/0-2500mm	
Maximum Error	0.0012"/30 <i>µ</i> m	0.0016"/40 <i>µ</i> m	0.002"/50 <i>µ</i> m	0.0035"/90 <i>µ</i> m	0.0048"/120μm	0.0078"/200 <i>µ</i> m	
Repeatability		0.0008" /20μm 0.0012"/30μm					
Measuring Force		5 - 10 N					
Connection			Bluetooth S	Smart/Proxi RS-23	2 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	

Weight	0.0 iba/1.5 kg	0.5 lb3/1.0 kg	4.1 lb3/1.5 kg	3 103/2.0 kg	5.7 ID3/2.0 Rg	0.0 ID3/2.0 Rg
Order No.		Range			List Price	Sale Price
54-110-512-0		0 - 15"/0 - 40	0mm		\$2,189.38	\$2,025.20
54-110-524-0		0 - 24"/0 - 60	0mm		\$2,607.72	\$2,412.20
54-110-540-0		0 - 40"/0- 100	00mm		\$3,003.15	\$2,778.00
54-110-560-0		0 - 60"/0 - 15	00mm		\$4,515.16	\$4,176.60
54-110-580-0		0 - 80"/0 - 20	00mm - special o	order	\$6,092.58	\$5,635.70
54-110-600-0		0 - 100"/0 - 2	500mm - special	order	\$7,421.54	\$6,865.00
Connectivity Ca	bles/Accessor	у				
54-115-526-0		Proximity US	B Cable		\$198.87	\$135.00
54-115-527-0		Proximity Se	Proximity Serial Cable			\$135.00
54-115-246-BT		USB Bluetoo	th Receiver		\$50.80	\$45.80

V-Series Special Pricing!

Fowler Trimos V3, V4 & V5 Electronic Height Gages

The Fowler Trimos V3, V4 and V5 vertical measuring instruments have been developed for the most difficult workshop environments. Manufactured in Switzerland, they guarantee a robust, precise and reliable product.

Features:

- · "Black Mask" display with user friendly functions
- Electronically adjustable measuring force 0.75/1.5 (N)
- · Lithium-ion rechargeable batteries last up to 40 hours
- · All adjustments possible without tools
- · Cast iron base for optimal stability and rigidity
- RS232 and USB interfaces requires 54-192-112-0 cable. Bluetooth transmitter also available
- · Dual probe holders (V4 V5)
- · Carriage displacement: Manual for V3 and V4 models
- V5 includes selectable manual or motorized carriage displacement
- · Measures heights, diameters, perpendicularity, centerlines, Min/Max/Delta
- Resolution: 0.00005"/0.001mm
- Repeatability (2s): 0.00008"/0.002mm (Ø 0.00016"/0.004mm)

All models Include:

- Charging unit
- · Measuring insert with ruby ball Ø4mm
- · Probe holder elbow Ø 8mm
- Setting gage

Order No.

· User's manual and test certificate

<u>Extremely</u> Easy to Use!

*Height Gages	available	up to 40", 60",	, 80" upon request
V3	54-192-340-0	54-192-370-0	

Measuring Range
Range with Probe inverted
Max. Permissible Errors
Frontal Squareness Deviation
Air Cushion

	54-192-340-0		54-192-370-0
	16"/407mm		28"/711mm
	20"/508mm		31.9"/812mm
	0.00028"/0.007mm		0.00032"/0.008mm
on	0.0004"/0.010mm		0.0006"/0.015mm
		NO	

V4	54-191-440-0		54-191-470-0
Measuring Range	16"/407mm		28"/711mm
Range with Probe inverted	28.3"/719mm		40.2"/1023mm
Max. Permissible Errors	0.0002"/0.005mm		0.00028"/0.007mm
Frontal Squareness Deviation	0.0004"/0.010mm		0.0006"/0.015mm
Air Cushion		YES	

Description

V5	54-199-540
Measuring Range	16"/407mm
Range with Probe inverted	28.3"/719mm
Max. Permissible Errors (µm)	
Frontal Squareness Deviation	0.0002"/0.00
Air Cushion	

4-199-540-0	54-199-570-0
6"/407mm	28"/711mm
3.3"/719mm	40.2"/1023mm
2.5 + L(r	mm)/300

Range

0.0002"/0.005mm0.00032"/.008mm **YES**





Sale Price

List Price

54-192-340-0	V3 Height Gage	16"/407mm	\$4,730.41	\$4,129.65
54-192-370-0	V3 Height Gage	28"/711mm	\$5,215.46	\$4,553.10
54-191-440-0	V4 Height Gage	16"/407mm	\$6,231.03	\$5,539.69
54-191-470-0	V4 Height Gage	28"/711mm	\$7,248.66	\$6,428.08
54-199-540-0	V5 Height Gage	16"/407mm	\$6,867.42	\$6,095.26
54-199-570-0	V5 Height Gage	28"/711mm	\$8,138.14	\$7,204.60
Probe Sets				
54-199-105-0	4mm Probe Set, 21 piece		\$1,819.90	\$1,588.77
54-199-106-0	8mm Probe Set, 16 piece		\$1,358.04	\$1,200.00
54-199-107-0	8mm Basic Probe Set, 7 piece		\$482.16	\$450.00
Accessories				
54-199-400-0	12"/300mm Holder - for 8mm probe	\$1,018.76	\$889.38	
54-199-022-BT	Bluetooth transmitter for (Not available	\$675.00		
54-777-120-0	Vmux software - for connecting mu	Iltiple units to one PC	\$465.50	\$418.95







Fowler Sylvac BLUETOOTH **Hi Cal Electronic Height Gages**

Features:

- · Quick, easy computer 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 gage and calibration certificate



with 6"/150mm and 12"/300mm Hi Cal Purchase!

54-931-150-BT









54-930-217-0 54-930-215-0



Basic Probe Set

with 54-931-450-BT Hi Cal Purchase \$675.00 Value!

Order No.	Range	Accuracy	List Price	Sale Price
54-931-150-BT	6"/150mm	0.00013"/0.0034mm	\$5,698.25	\$5,128.43
54-931-150-BT-C	6"/150mm with ISO/A2LA Certification	1		\$5,378.43
54-931-300-BT	12"/300mm	0.00016"/0.0042mm	\$6,219.85	\$5,597.87
54-931-300-BT-C	12"/300mm with ISO/A2LA Certification			\$5,947.87
54-931-450-BT	17.5"/450mm	0.00020"/0.005mm	\$7,080.10	\$6,372.09
54-931-450-BT-C	17.5"/450mm with ISO/A2LA Certification			\$6,722.09
Accessories				
54-930-215-0	Full Probe Accessory Set		\$1,659.78	\$1,215.00
54-930-217-0	Basic Probe Accessory Set		\$940.80	\$675.00





Fowler Ultra-Cal VI Electronic Calipers





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









Calibration certificates available for all sizes

Order No.	Range	Accuracy	Resolution	List Price	Sale Price			
Without Data Ou	Without Data Output							
54-100-177-0	6"/150mm	0.0008"/20 <i>µ</i> m	0.0005"/0.01mm	\$172.73	\$164.09			
54-100-178-0	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$354.55	\$336.82			
54-100-179-0	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$468.11	\$444.70			
Bluetooth Mode	Bluetooth Models							
54-100-167-0	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$398.37	\$378.45			
54-100-168-0	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	\$645.90	\$613.61			
54-100-169-0	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	\$860.60	\$817.57			
Accessory								
54-115-246-BT	USB bluetooth	receiver		\$50.80	\$45.80			

Fowler Ultra-Cal VI **Proximity Electronic Calipers**



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







Order No.	Range	Accuracy	Resolution	List Price	Sale Price		
54-100-444-1	6"/150mm	0.0008"/20 <i>µ</i> m	0.0005"/0.01mm	\$188.99	\$179.54		
54-100-448-1	8"/200mm	0.0012"/30 <i>µ</i> m	0.0005"/0.01mm	\$390.91	\$371.36		
54-100-412-1	12"/300mm	0.0012"/30 <i>µ</i> m	0.0005"/0.01mm	\$527.27	\$500.91		
Connectivity Ca	Connectivity Cables						
54-115-526-0	Proximity cable	with USB connection		\$198.87	\$135.00		
54-115-527-0	Proximity cable with serial connection			\$202.69	\$135.00		









"I have been in the machining business for over 30 years this is by far the best mic I have ever had. One little thing or should I rephrase that, one huge thing, this mic comes with a lifetime warranty...no other company can provide that"!

John T.

Features:

- · Fastest micrometer on the market
- · IP67 protected against fluid and dust
- · Position recall
- Adjustable measuring force, 5N/10N (54-815-030-0 and 54-815-130-0 only)
- · Menu customizable with free software
- Non-rotating spindle with 10mm travel per thimble rotation
- · USB output or Bluetooth available















54-815-111-0

Order No.	Range	Accuracy	List Price	Sale Price
54-815-030-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	Compare to Mitur	toyo
			293-676-20 @ \$56	60.00 \$513.95
54-815-060-0	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$990.15	\$959.15
54-815-100-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,224.37	\$1,159.81
Set				
54-815-111-0	0 - 4"/0 - 102mm		\$2,820.47	\$2,679.45
Bluetooth Mode	els			
54-815-130-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$924.22	\$792.40
54-815-160-0	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	\$1,214.24	\$1,090.80
54-815-110-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	\$1,438.52	\$1,366.59
Bluetooth Set				
54-815-112-0	0 - 4"/0 - 102mm		\$3,526.07	\$3,299.00
Connectivity C	ables/Accessory			
54-115-526-0	Proximity cable with USB co	Proximity cable with USB connection		\$135.00
54-115-527-0	Proximity cable with serial of	Proximity cable with serial connection		\$135.00
54-115-246-BT	USB Bluetooth receiver		\$50.80	\$45.80



Multimode Electronic Test Indicators

The Fowler QuadraTest is the perfect solution for test indicating applications

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 .00005" scale at full range: 0.0004")
- 54-562-890-BT is capable of interchanging contact point lengths

54-562-777-BT







Order No.	Range	Contact Point Length	List Price	Sale Price
54-562-777-BT	0.030"/0.80mm	1/2"	\$576.14	\$509.66
54-562-888-BT	0.080"/2.0mm	1-7/16"	\$651.62	\$576.43
54-562-890-BT	0.030"/0.80mm	1/2"	\$709.50	\$627.63
	0.080"/2.0mm	1-7/16"		
Accessory				
54-115-528-0	Output Cable USB		\$319.85	\$303.86

Fowler Mini S Dial Indicators

Small in size BIG in features!

Features:

- All indicators features 0.50"/12.5mm range
- · Bluetooth connectivity to your phone or tablet
- · IP67 protected against fluid and dust
- Analog scale for reversal point indication
- · 3/8" mounting diameter with 4-48 contact thread
- · Auto power off feature
- · Optional cable connectivity output









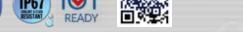








54-520-692-0



Order No.	Accuracy	Resolution	List Price	Sale Price
Bluetooth Models				
54-520-687-BT	0.0004"/0.01mm	0.0005"/0.01mm	\$586.20	\$518.56
54-520-690-BT	0.0002"/0.005mm	0.00005"/0.001mm	\$764.85	\$676.59
Basic Models				
54-520-691-0	0.0004"/0.01mm	0.0005"/0.01mm	\$442.81	\$391.71
54-520-692-0	0.0002"/0.005mm	0.00005"/0.001mm	\$611.36	\$540.82
Accessory				
54-115-528-0	Output Cable USB		\$319.85	\$303.86



MAKING MEASUREMENT EASY

Fowler's commitment is NOW EVEN STRONGER! Accurate data logging for only an additional \$25.00.



FOWER L STITLE Mark VI O

Fowler Mark VI Electronic Indicators

Features:

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















See it in

Calibration certificates available for all sizes

Cambration 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	\$498.16	\$440.68			
54-530-145-0	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	\$568.60	\$502.99			
High Resolution	1							
54-530-135-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$616.39	\$545.27			
54-530-155-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$674.27	\$596.47			
54-530-175-0	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	\$1,182.49	\$1,046.05			
BLUETOO	TH - Tool-A-1	Thon 21.2 SPE	CIAL PRICING					
54-530-335-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$779.94	\$570.27			
54-530-355-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$832.77	\$621.47			
NANO with Blue	etooth							
54-530-635-0	0 - 0.500"/12.5mm	0.00007"/0.0018mm	0.00001"/0.0001mm	\$1,133.68	\$1,002.87			
54-530-640-0	0 - 1"/25mm	0.00008"/0.0022mm	0.00001"/0.0001mm	\$1,235.50	\$1,092.94			
Analog Display								
54-530-535-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$671.55	\$521.20			
54-530-555-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	\$734.23	\$569.80			
Accessory								
54-115-246-BT	USB Bluetooth Rece	eiver		\$50.80	\$45.80			

Fowler Wyler Clinotronic-S

The Clinotronic-S is a portable precision instrument for measuring inclinations up to ±45°.

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™)
- · Data transmission via USB cable as well
- · User friendly
- · Adjustable to local gravity
- · Improved mechanical accuracy
- Excellent color display with low power consumption



Order No. 54-635-605-0

Sale \$3,467.10

List \$3,649.48

Fowler Wyler Clinotronic Plus

The Fowler Wyler 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 ± 45°, capacity of 0-360°
- 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: <.019
- · Linearity: 3 min. of arc + 1
- · Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1"(100 x 75 x 30mm)

SCAN For More Info



Order No. 54-635-601-0

Sale \$2,070.10

List \$2,179.05

GIROD-TAST Indicators

The ultimate in Swiss workmanship, Fowler GIROD-TAST Indicators are internationally respected as "The Best."

- · Monobloc body design has 7 fine jeweled bearings
- · Rugged anti-magnetic one-piece housing
- · Auto-reverse mechanism
- · Carbide contact points
- · Dovetails supplied at top, front and back for proper set-up
- · Adjustable bezel and dial easily set and reset to zero
- Total measuring range 0.060" (52-562-252-0, 52-562-452-0 only)
- · The convenient revolution counter indicates the total number of revolutions for error-free readings (52-562-25-0, 52-562-452-0 only)
- · Price includes indicator, fitted case, carbide contact points (see chart), and two dovetail clamping stems: 7/32" and 1/4" diameter



						Dia. Points	Point
Order No.	Dial Reading	Dial Grad.	Total Range	Dial Dia.	Accuracy	Included	Length
52-562-253-0	0-4-0	0.0001"	0.008"	1"	0.00016"	0.040", 0.080" & 0.120"	0.500"
52-562-453-0	0-4-0	0.0001"	0.008"	1-1/2"	0.00016"	0.040", 0.080" & 0.120"	0.500"
52-562-252-0	0-15-0	0.0005"	0.060"	1"	0.00065"	0.040", 0.080" & 0.120"	0.800"
52-562-452-0	0-15-0	0.0005"	0.060"	1-1/2"	0.00065"	0.040", 0.080" & 0.120"	0.800"
52-562-474-0	0-10-0	0.0005"	0.020"	1-1/2"	0.00065"	0.040", 0.080" & 0.120"	1.5"
52-563-453-0	0-100-0	0.002mm	0.2mm	38mm	0.0035mm	1, 2 & 3 mm	12.5mm
52-563-253-0	0-100-0	0.002mm	0.2mm	28mm	0.0035mm	1, 2 & 3 mm	12.5mm

Order No.	Description	List Price	Sale Price
Inch			
52-562-253-0	Horizontal GIROD-TAST Indicator	\$237.53	\$225.70
52-562-453-0	Horizontal GIROD-TAST Indicator	\$260.52	\$247.50
52-562-252-0	Horizontal GIROD-TAST Indicator	\$305.35	\$290.10
52-562-452-0	Horizontal GIROD-TAST Indicator	\$285.20	\$271.00
52-562-474-0	Vertical GIROD-TAST Indicator	\$344.03	\$326.90
Metric			
52-563-453-0	Horizontal GIROD-TAST Indicator	\$269.48	\$199.00
52-563-253-0	Horizontal GIROD-TAST Indicator	\$270.62	\$257.10

Outside Inch Micrometers



52-215-003-1

- · Microfine graduations on satin chrome finish and carbide tipped measuring faces
- · Diameter of measuring faces: 0.256"
- Graduation: 0.0001"
- · Flatness: 0.00003"
- · Positive lever locking clamp
- · Spindle thread hardened, ground and lapped for ultimate accuracy
- · Anvil & spindle hardened and precision ground with microlap finish on tips
- · Includes a wrench and case
- Sizes over 1"/25mm include a calibration standard

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-240-101-1	0 - 1"	± 0.00016"	Ratchet	\$47.19	\$42.47
52-240-002-1	1" - 2"	± 0.00016"	Friction	\$54.89	\$49.40
52-240-102-1	1" - 2"	± 0.00016"	Ratchet	\$54.89	\$49.40
52-240-003-1	2" - 3"	± 0.0002"	Ratchet	\$64.13	\$57.72
52-240-004-1	3" - 4"	± 0.0002"	Ratchet	\$71.61	\$64.45
52-240-005-1	4" - 5"	± 0.00024"	Ratchet	\$79.31	\$71.38
52-240-006-1	5" - 6"	± 0.00024"	Ratchet	\$86.90	\$78.21
52-240-007-1	6" - 7"	± 0.00028"	Ratchet	\$94.49	\$85.04
52-240-008-1	7" - 8"	± 0.00028"	Ratchet	\$111.21	\$100.09
52-240-009-1	8" - 9"	± 0.00032"	Ratchet	\$126.39	\$113.75
52-240-010-1	9" - 10"	± 0.00032"	Ratchet	\$143.33	\$129.00
52-240-011-1	10" - 11"	± 0.00036"	Ratchet	\$158.51	\$142.66
52-240-012-1	11" - 12"	± 0.00036"	Ratchet	\$173.69	\$156.32
Sets					
52-215-003-1	0 - 3" with	standards and fitte	d shop hardened case	\$164.45	\$148.01
52-215-012-1	0 - 12" with standards and fitted wooden case			\$1,212.53	\$1,091.28
52-215-612-1	6 - 12" with	standards and fitt	ed wooden case	\$799.92	\$719.93

Interchangeable Anvil Micrometers



Features:

- · Parallelism: 0.0004"
- Flatness: 0.00003"
- · Graduations are microfine on satin chrome for easy reading
- · Each anvil is fitted with an adjusting collar to set the overall dimension
- Spindle thread is hardened and precision ground with microlap finish in carbide tipped measuring faces
- · Ratchet stop ensures exact readings
- · A wrench is included for fast, easy zero adjustment on the sleeve
- · Positive lever locking clamp assures accurate settings
- · Standards are included with each set

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-401-221-1	0 - 6"	0.0001"	0.00024"	\$297.91	\$275.60
52-401-222-1	6" - 12"	0.0001"	0.00024"	\$437.51	\$404.70
52-401-204-1	12" - 16"	0.001"	0.00036"	\$525.05	\$498.80
52-401-205-1	16" - 20"	0.001"	0.00036"	\$612.48	\$581.90

Outside Inch Micrometers

with Decimal Equivalents on Frame



- Black decimal equivalents on satin chrome finished forged steel frame
- Graduations: 0.0001"
- · Ratchet thimble and locking nut
- Sizes over 1"/25mm include a calibration standard

Order No.	Range	Accuracy	Thimble	List Price Sal	e Price
52-235-001-1	0 - 1"	± 0.00016"	Ratchet	Compare to Starrett T230RL @ \$204.30	\$67.62
52-235-002-2	1" - 2"	± 0.00016"	Ratchet	\$86.90	\$78.21
52-235-003-2	2" - 3"	± 0.0002"	Ratchet	\$108.68	\$97.81
Set					
52-235-100-0	0 - 3"			\$237.40	213.66



Outside Inch Micrometers



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

Order No.	Range	Accuracy	Thimble	List Price S	ale Price
52-253-001-1	0 - 1"	± 0.001"	Friction	Compare to Brown & Sharpe 599-1-44 @ \$115.00	\$28.00
52-253-002-1	1" - 2"	± 0.001"	Friction	\$47.19	\$33.00
52-253-102-1	1" - 2"	± 0.001"	Ratchet	\$47.19	\$33.00
52-253-003-1	2" - 3"	± 0.001"	Ratchet	\$54.89	\$38.00
52-253-004-1	3" - 4"	± 0.001"	Ratchet	\$64.13	\$43.00
52-253-005-1	4" - 5"	± 0.001"	Ratchet	\$71.61	\$48.00
52-253-006-1	5" - 6"	± 0.001"	Ratchet	\$79.31	\$55.00

Outside Inch Micrometer Set



16

List \$364.10

Digit Counter Micrometers



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

Order No.	Range	Accuracy	List Price S	ale Price
52-224-001-1	0 - 1"	0.00016"	Compare to Mitutoyo 193-211 @ \$160.00	\$105.50
52-224-002-1	1" - 2"	0.00016"	\$135.41	\$98.50
52-224-003-1	2" - 3"	0.0002"	\$154.22	\$112.20
52-224-004-1	3" - 4"	0.0002"	\$169.73	\$123.50
52-224-005-1	4" - 5"	0.00024"	\$179.63	\$135.00
52-224-006-1	5" - 6"	0.00024"	\$187.77	\$141.00
Sets				
52-224-103-1	0 - 3" set		\$406.89	\$296.00
52-224-104-1	0 - 4" set		\$577.06	\$419.70
52-224-220-1	0 - 75mm set		\$428.45	\$311.60

Swiss-Style Micrometers



- · Insulated frame
- · Ratchet thimble and locking lever
- · Microfine graduations
- · Sizes over 1"/25mm include a calibration standard
- · Includes case

Order No.	Range	Accuracy	List Price	Sale Price
52-229-201-0	0 - 1"	± 0.00016"	\$61.05	\$49.00
52-229-202-0	1" - 2"	± 0.00016"	\$71.50	\$57.00
52-229-203-0	2" - 3"	± 0.0002"	\$90.95	\$72.00
52-229-204-0	3" - 4"	± 0.0002"	\$101.20	\$80.00
52-229-205-0	4" - 5"	± 0.00024"	\$125.07	\$98.00
52-229-206-0	5" - 6"	± 0.00024"	\$146.85	\$115.00
Sets				
52-229-213-0	0 - 3"	0 - 1", 1 - 2": ± 0.00016"	\$220.11	\$170.00
		2 - 3": ± 0.0002"		
52-229-214-0	0 - 4"	0 - 1", 1 - 2": ± 0.00016"	\$311.63	\$235.00
		2 - 3", 3 - 4": ± 0.0002"		

52-229-213-0



XTRA-VALUE | | Electronic Micrometers







Features:

- · IP40 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- · Absolute and incremental modes
- · Ratchet thimble
- · 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	\$110.20	\$80.20
54-870-002-0	1" - 2"/25 - 50mm	± 0.00016"/0.004mm	\$119.02	\$86.60
54-870-003-0	2" - 3"/50 - 75mm	± 0.0002"/0.005mm	\$134.86	\$98.10
54-870-004-0	3" - 4"/75 - 100mm	± 0.0002"/0.005mm	\$150.81	\$109.70
Set				
54-870-103-0	0 - 3"/0 - 75mm		\$355.90	\$236.20

Electronic Coolant Resistant Micrometer Sets



54-860-103-1

Absolute Reading!





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

Order No.	Range	List Price	Sale Price
54-860-103-1	0 - 3"/0 - 75mm	\$459.36	\$334.10
54-860-106-1	0 - 6"/0 - 150mm	\$1,205.92	\$1,145.62

Point Spindle & Blade Anvil Micrometer



Order No. 54-860-671-0

Features:

- · IP54 protected against fluid and dust
- Range: 0 0.08"/0 20mm
- Accuracy: 0.00016"/0.004mm

60° pointed spindle with blade anvil for grooves and hard to reach dimensions

- Resolution: 0.00005"/0.001mm
- · Hardened steel measuring faces · Absolute & incremental modes

^{\$}167.⁸⁰

List \$176.57

Electronic IP54 Ball Anvil Micrometer



- · IP54 protected against fluid and dust
- Range: 0 1"/0 25mm Accuracy: 0.00016"/0.004mm
- Resolution: 0.00005"/0.001mm
- · Hardened steel measuring faces
- Absolute & incremental modes

Order No. 54-860-113-1

105.00

List \$141.57

Point Anvil & Spindle Micrometer



30° pointed anvil and spindle for measuring small grooves, key-ways, small flutes and hard to reach

Features:

- · IP54 protected against fluid and dust
- Range: 0 1"/0 25mm
- Accuracy: 0.00016"/0.004mm
- Resolution: 0.00005"/0.001mm · Hardened steel measuring faces
- Absolute & incremental modes

Order No. 54-860-661-0

List \$205.26



Vernier Thread Micrometers



52-219-001-1

Features:

- · 60° measuring anvils
- · Painted enamel and heat insulated frame
- · Positive spindle lock
- · 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" Compare to Mitutoyo	126-137 @ \$412.94	\$104.69
52-219-002-1	1" - 2"	44 - 3.5 TPI/0.6 - 7mm	0.00016"	\$130.97	\$115.25
52-219-003-1	2" - 3"	24 - 3.5 TPI/1 - 7mm	0.0002"	\$152.73	\$134.40
52-219-004-1	3" - 4"	24 - 3.5 TPI/1 - 7mm	0.0002"	\$165.39	\$145.54

Electronic IP65 Thread Micrometers









- · IP65 protected against fluid and dust
- True inch/metric conversion
- · 60° measuring anvils
- ABS/INC measuring mode
- Positive spindle lock
- · Painted enamel and heat insulated frame
- · Resolution: 0.00005"/0.001mm
- · Friction thimble
- · Sizes over 1" include standard

Order No.	Range	Thread Range	Accuracy	List Price	Sale Price
54-219-001-0	0 - 1"	64 - 5 TPI/0.4 - 5mm	± 0.00008"/0.002mm	\$297.88	\$262.13
54-219-002-0	1" - 2"	44 - 3.5 TPI/0.6 - 7mm	± 0.00008"/0.002mm	\$313.35	\$275.75
54-219-003-0	2" - 3"	24 - 3.5 TPI/1 - 7mm	± 0.00008"/0.002mm	\$318.20	\$280.02
54-219-004-0	3" - 4"	24 - 3.5 TPI/1 - 7mm	± 0.00012"/0.003mm	\$331.82	\$292.00

Thread Measuring Wire Set

Features:

- · NOW includes wire holders
- · 48 wires in 16 different, 3 wire sets
- Accuracy for sizes 0.018" through 0.108" is within +0/-0.0004"
- Accuracy for sizes 0.120" through 0.185" is within +0/-0.0005"
- · Measures all U.S. 60° threads from 3 48 threads per inch



Order No. 52-485-048-0

List \$34.98

Use blade micrometers to measure the outside diameter of workpieces which have narrow grooves, "T" slots and other dimensions.

Vernier Inch Blade Micrometers



- · 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"	0.00016"	\$250.51	\$231.80
52-246-002-1	1" - 2"	0.0001"	0.00016"	\$272.73	\$252.30
52-246-003-1	2" - 3"	0.0001"	0.0002"	\$284.75	\$263.40
52-246-004-1	3" - 4"	0.0001"	0.0002"	\$290.20	\$268.50

Electronic IP54 Blade Micrometers





· IP54 protected against fluid and dust

- True inch/metric conversion
- Accuracy: 0.00016"
- Resolution: 0.00005"/0.001mm
- · Friction thimble
- · Sizes over 1" include standard

Order No.	Range	List Price	Sale Price
54-860-241-0	0 - 1" Blade Anvil	\$309.13	\$286.00
54-860-242-0	1" - 2" Blade Anvil with standard	\$335.78	\$310.60
54-860-243-0	2" - 3" Blade Anvil with standard	\$350.75	\$324.50
54-860-244-0	3" - 4" Blade Anvil with standard	\$367.08	\$339.60

Electronic Indicating Micrometers

A superior tool in quality and design, the Fowler Bowers electronic indicating micrometer operates quickly and easily.





While supplies last!

Features:

- · Retractable anvil travel: 0.275"/7mm
- Switchable resolution 0.0005"/0.01mm, 0.00005" /0.001mm
- Repeatability: 0.00005"/1μm
- · Measuring force 4.5 6N
- · Adjustable table for parts
- · Two reference memories
- · Preset Recall function
- Tolerance indication
- · Min/Max/TIR function



Shown with 54-245-800-0 stand sold separately

Order No.	Description	List Price	Sale Price
54-245-777-0	0 - 1.25"/0-30mm	\$1,283.20	\$1,110.00
54-245-780-0	1.25" - 2.50"/30-60mm	\$1,553.61	\$1,350.00



Indicating Micrometers



- · Anvil and spindle hardened and precision ground
- · Fully insulated frame, satin chrome finish
- · Carbide tipped anvil & spindle
- · Retracting button conveniently located in relation to operator's hand
- 0 1" range, thimble graduated in 0.001"

- Flatness: 0.000012"
- · Dial graduated in 0.00005"
- · Diameter of spindle: 0.256"
- 1" 2" includes standard
- · Includes case

Order No.	Range	Accuracy	List Price	Sale Price
52-245-501-0	0 - 1"	0.00016"	\$408.36	\$377.80
52-245-502-0	1" - 2"	0.00016"	\$473.57	\$438.10

The disc type anvil and spindle simplifies measuring the thickness of difficult, closely spaced sections, ribs, keys, fins, cutting edges on forming tools, chordal thickness of gear teeth, etc.

Electronic IP54 Disc Micrometers



- · IP54 protected against fluid and dust
- Inch/metric conversion
- Resolution: 0.00005"/0.001mm
- · Friction thimble for repeatability
- Extra large 0.788" disc with 0.035" edge thickness
- · Easily enters hard-to-reach areas

Order No.	Range	Accuracy	List Price	Sale Price
54-860-301-0	0 - 1"/0 - 25mm	0.00016"	\$304.60	\$283.80
54-860-302-0	1 - 2"/25 - 50mm	0.00016"	\$327.85	\$303.30

Digit Counter Disc Micrometers



- Disc diameter: 0.708"
- Disc edge thickness: 0.035"
- · Ratchet thimble for repeatability

Order No.	Range	Accuracy	List Price	Sale Price
52-250-301-1	0 - 1"	0.00016"	\$183.60	\$169.90
52-250-302-1	1" - 2"	0.00016"	\$201.97	\$186.90

Disc Micrometers



- · Anvil and spindle are hardened and precision ground with microlap finish on measuring faces
- · Positive lever locking clamp
- · Ratchet thimble for repeatability
- · Graduations: 0.0001"

Order No.	Range	Accuracy	List Price	Sale Price
52-250-111-1	0 - 1"	0.00016"	\$122.59	\$113.40
52-250-112-1	1" - 2"	0.00016"	\$138.24	\$127.90

For measuring the internal diameters of tubes, bearings, slots, and more!

Electronic IP54 Inside Micrometers



Features:

- · IP54 protected against fluid and dust
- Each gage includes appropriate setting ring for exceptional accuracy
- Resolution: 0.00005"/0.001mm
- · Large easy-to-read LCD display
- Friction thimble
- · Includes fitted case





Order No.	Range	Accuracy	List Price	Sale Price
54-860-275-0	0.2 - 1.2"	0.00020"/0.005mm	\$273.58	\$170.00
54-860-276-0	1 - 2"	0.00024"/0.006mm	\$295.46	\$185.00

Inside Micrometers



- · Measuring faces are fully hardened and precision ground
- Microlapped finished to assure exceptionally accurate readings
- · Spindle threads are hardened and ground
- · Microfine graduations 0.001" on a satin chrome finish permit easy reading
- · Ratchet stop thimble assures exact and repetitive readings
- · Includes a setting ring and fitted case

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-275-001-1	0.2" - 1.2"	0.001"	0.0002"	\$128.92	\$108.00
52-275-005-0	0.2" - 2.2"	0.001"	0.0002"	\$225.41	\$180.00

Micrometer Stands



Features:

- Unique locking nut adjusts micrometer stand to any position for perfect use and viewing
- · Stand folds for storage



Features

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

	D L	
	4	52-247-010-0
aces on		X-SERIES
	Micr	ometer not include

Order No.	Description	List Price	Sale Price
52-247-005-0	Folding Micrometer Stand	\$44.99	\$32.80
52-247-010-0	Magnetic Micrometer Stand	\$79.59	\$63.00

Micrometer Inspection Set

Fowler's setting master is quick, easy to use and extremely accurate. It comes with a certificate of calibration and a fitted aluminum case. Save time and money by calibrating your own measuring tools quickly and easily.

Set Includes:

- Stand height: 12.5"
- 9 pc. Grade AS-0 gage block set (sizes: 0.625", 0.100", 0.125", 0.200", 0.250", 0.300", 0.500", 1.000" & 2.000"
- Certificate of calibration is traceable to NIST standards & provides the individual deviation of each block
- Optical flat (flatness: .000004"; Parallelism: 0.00002")
- · 4.0mm ball end T-handle hex wrench



Use blocks you already have, get the holder alone!

Order No.	Description	List Price	Sale Price
53-813-001-2	Complete Checking Set	\$386.65	\$330.00
53-813-002-0	Mic Checker without blocks	\$193.82	\$165.00



Premium Depth Micrometers

Features:

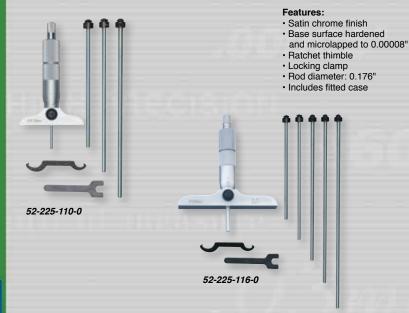
- · Clear microfine graduations on satin chrome finish
- Base constructed of hardened tool steel is precision ground and microlapped to 0.00008". All other surfaces are satin chrome finished.
- · Quick and easy zero adjustment
- Rods hardened, ground and lapped on measuring surfaces and adjustable in either direction
- Interchangeable rods are fitted to the micrometer spindle against a positive stop and locked
- · Ratchet thimble
- · Threads hardened, ground and lapped for accuracy
- · Includes spanner wrench and fitted case



52-225-005-1

Order No.	Range	Graduation	Accuracy	Base Size	List Price	Sale Price
52-225-005-1	0 - 3"	0.001"	0.0002"	2.5"	\$182.82	\$146.26
52-225-006-1	0 - 4"	0.001"	0.0002"	2.5"	\$219.34	\$175.47
52-225-011-1	0 - 4"	0.001"	0.0002"	4"	\$223.36	\$175.47
52-225-015-1	0 - 6"	0.001"	0.0002"	4"	\$249.92	\$199.94
52-225-020-1	0 - 6"	0.001"	0.0002"	2.5"	\$240.79	\$192.63
52-225-035-1	0 - 12"	0.001"	0.00028"	4"	\$389.95	\$311.96

Depth Micrometers



Order No.	Range	Graduation	Accuracy	Base Size	List Price	Sale Price
52-225-110-0	0 - 4"	0.001"	0.0002"	2.5"	\$153.23	\$135.00
52-225-112-0	0 - 6"	0.001"	0.0002"	2.5"	\$180.95	\$160.00
52-225-114-0	0 - 4"	0.001"	0.0002"	4"	\$165.55	\$140.00
52-225-116-0	0 - 6"	0.001"	0.0002"	4"	\$193.71	\$165.00

IP54 Electronic Depth Micrometer



Features:

- · IP54 protected against fluid and dust
- Range: 0 6"/150 mm
- Resolution: 0.00005"/0.001mm
- Base surface hardened and microlapped to 0.00008"
- · Rod diameter: 0.176"
- Automatic switch off
- Large LCD displayIncludes fitted case

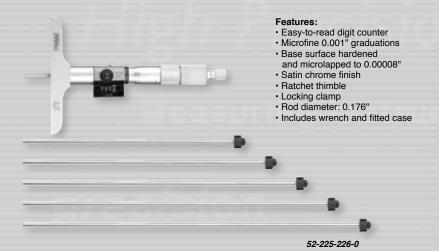


Order No. 54-225-456-0

Sale \$210.00

List \$257.40

Digit Counter Depth Micrometers

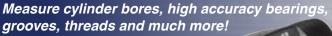


Order No.	Range	Graduation	Base	List Price	Sale Price
52-225-176-0	0 - 6"	0.001"	2.5"	\$225.24	\$199.00
52-225-226-0	0 - 6"	0.001"	4"	\$250.24	\$208.00



Fowler Bowers BLUETOOTH



















Both styles feature:

- · IP67 protected against fluid and dust
- 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







Bore Gaging Systems

Special application heads operate with either style handle

Contact the Fowler Technical Department 1-800-788-2353















54-115-246-BT

USB bluetooth receiver





	-		_	_
Order No.	Range	Includes	List Price	Sale Price
Pistol Grip Se	ets			
54-567-009-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	5 heads, 1 handle, 3 rings	\$6,322.70	\$5,374.30
54-567-010-BT	0.250" - 0.375"/6- 10mm	2 heads, 1 handle, 1 ring	\$2,479.20	\$2,107.40
54-567-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$2,900.40	\$2,465.40
54-567-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	\$3,745.00	\$3,183.30
54-567-100-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$4,168.40	\$3,543.20
54-567-105-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$3,745.00	\$3,183.30
54-567-110-BT	6" - 8" /150 - 200mm	2 heads, 1 handle, 1 ring	\$4,943.30	\$4,201.90
54-567-200-BT	4" - 8" /100 - 200mm	4 heads, 1 handle, 2 rings	\$7,824.30	\$6,650.70
54-567-210-BT	0.750" - 4"/20 - 100mm	6 heads, 1 handle, 4 rings	\$6,094.40	\$5,180.30
54-567-620-BT	0.250" - 0.750"/6 - 20mm	5 heads, 1 handle, 3 rings	\$3,456.70	\$2,938.20
Holemike Set	s (Traditional style)			
54-367-000-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	5 heads, 1 handle, 3 rings	\$5,762.20	\$4,897.90
54-367-010-BT	0.250" - 0.375"/6- 10mm	2 heads, 1 handle, 1 ring	\$2,400.90	\$2,040.80
54-367-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	\$2,865.00	\$2,435.30
54-367-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	\$3,890.80	\$3,307.20
54-367-100-BT	2" - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	\$4,307.70	\$3,661.60
54-367-105-BT	4" - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	\$3,636.70	\$3,091.20
54-367-110-BT	6" - 8" /150 - 200mm	2 heads, 1 handle, 1 ring	\$4,803.90	\$4,083.40
54-367-200-BT	4" - 8" /100 - 200mm	4 heads, 1 handle, 2 rings	\$7,590.70	\$6,452.10
Connectivity Ca	ables/Accessory			
54-115-526-0	Proximity cable with USB connection		\$198.87	\$135.00
54-115-527-0	Proximity cable with serial connection		\$202.69	\$135.00

\$45.80

\$50.80

Fowler Bowers

XT-Series Holemikes

The Fowler Bowers range of mechanical two and three point bore micrometers are now available as XT extended travel holemikes, allowing a wide measurement range without the need to interchange anvils.

ikes 52-255-316-0

Features:

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





			Meas.	Ring	Ring	List	Sale
Order No.	Range	Grads.	Accuracy	Depth	Included	Price	Price
52-255-310-0	0.250" - 0.312"	0.00025"	0.00015"	2.28"	0.312"	\$745.30	\$596.24
52-255-311-0	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	\$690.10	\$552.08
52-255-312-0	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	\$690.10	\$552.08
52-255-313-0	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	\$690.10	\$552.08
52-255-314-0	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	\$707.70	\$566.16
52-255-315-0	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	\$777.20	\$621.76
52-255-316-0	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	\$1,107.40	\$885.92
52-255-317-0	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	\$1,133.80	\$907.04
52-255-318-0	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	\$1,352.50	\$1,082.00
52-255-319-0	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	\$1,364.60	\$1,091.68
52-255-320-0	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	\$1,702.40	\$1,361.92
Sets							
52-255-565-0	0.250" - 0.375"2	heads, 2 han	idles, 1 ring			\$1,654.90	\$1,323.92
52-255-665-0	0.375" - 0.750"3	heads, 3 han	idles, 2 rings			\$1,884.50	\$1,507.60
52-255-775-0	0.750" - 2"3 hea	ds, 3 handles	, 2 rings			\$2,961.00	\$2,368.80
52-255-885-0	2" - 4" 3 head	s, 3 handles,	2 rings			\$4,014.10	\$3,211.28

Fowler Bowers MicroGage







The Fowler Bowers MicroGage 2-point bore gaging system has been designed specifically for the measurement of small bores between 1.0 - 6.0 mm. The measuring heads are equipped with spherical, split-ball, hard-chromed contact points.

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









Internal & External Electronic Caliper Gages





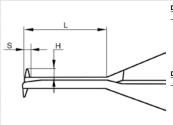
54-554-611-0

- Features:
 Accuracy: ± 0.0008"/± 0.02mm
- Resolution: 0.0002"/0.005mm
- Analog scale for reversal point indication
- · Large, LCD display

54-554-711-0

- · Preset capability
- Absolute/Incremental measurements
- · High-impact, aircraft aluminum case
- Rugged housing





Dimensions 1	Dimensions for Internal Calipers							
Metric	Inch	L	S	Н	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	Н	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	\$213.18	\$180.00
54-554-622-0	0.200" - 1"/5 - 25mm	\$228.58	\$195.00
54-554-623-0	0.400" - 1.2"/10 - 30mm	\$239.25	\$205.00
54-554-624-0	0.790" - 1.6"/20 - 40mm	\$239.25	\$205.00
54-554-625-0	1.2" - 2"/30 - 50mm	\$239.25	\$205.00
External Caliper Gages			
54-554-711-0	0 - 0.400"/0 - 10mm	\$213.18	\$180.00
54-554-722-0	0 - 0.790"/0 - 20mm	\$228.58	\$195.00
54-554-723-0	0.4" - 1.2"/10 - 30mm	\$239.25	\$205.00
54-554-724-0	0.790" - 1.6"/20 - 40mm	\$239.25	\$205.00
54-554-725-0	1.2" - 2"/30 - 50mm	\$239.25	\$205.00

XTRA-VALUE Internal & External Electronic Caliper Gages



INCH • METRIC • FRACTION



4" Setting Master (Set only)

You Tube

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

Order No.	Description R	Range	List Price	Sale Price
54-554-630-0	Outside Caliper Gage 0	- 6"/0 - 150mm	\$58.19	\$47.00
54-554-730-0	Inside Caliper Gage 0	.5" - 6"/12.7 - 150mm	\$58.19	\$47.00
Set				
54-554-650-0	Inside/Outside Caliper Gage Set includes 4" internal setting master		\$104.12	\$84.00

Dial Bore Gage Sets

Features:

- Carbide Anvils
- · Easy-to-read
- · Great value
- · Graduation: 0.0005" or 0.01mm
- · Insulated grip
- · 9.5" depth
- · Chrome plated handle
- · Includes fitted case

52-646-300-0



52-646-100-0





Order No.	Range	Graduation	List Price	Sale Price
52-646-100-0	0.7" - 1.5"	0.0005"	\$174.02	\$142.40
52-646-300-0	2" - 6"	0.0005"	\$143.88	\$117.80
52-646-400-0	1.4" - 6"	0.0005"	Compare to Mitutoyo 511-753 @ \$338.25	\$179.00
52-646-500-0	1.4" - 6"	0.0001"	\$283.90	\$262.70
52-646-220-0	35 - 60mm	0.01mm	\$249.03	\$230.40

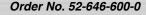
XTRA-RANGE 4" to 12" Dial Bore Gage

Features:

- Carbide Anvils
- · 10" measuring depth
- · Easy-to-read
- Great value
- · Graduation: 0.0005"
- · Insulated grip
- · Chrome plated handle
- · Includes 2 contact extensions







List \$267.18



For measuring difficult-to-reach bores in tight or inconveniently located spaces on machine applications.

Features:

- Carbide anvils
- · Easy-to-read
- · Great value
- · Graduation: 0.0005"
- · Insulated grip



Order No. 52-646-250-0

Sale \$299.00

List \$333.74

Bore Gage Setting Master Kits - Inch & Metric

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 .375" (two each)
- Internal capacity: 6"/150mm
- Centralizer capacity width: 2.750"
- · Quick-release holder for fast adjustment

SCAN For More Info



Economy Gage Block Sets Inch model:

- · 36 piece
- Tolerances to .00005"
- · Certificate of Calibration to NIST

Metric model:

- · 33 piece
- · AS-2 grade
- Certificate of Calibration to NIST

Bore gage shown not included

Includes:

Bore gage setting master and gage block set! All in a custom-fitted case!

Order No.	Description	List Price	Sale Price
53-646-000-1	Inch Bore Gage Setting Master Kit	\$411.69	\$315.00
53-646-010-0	Metric Bore Gage Setting Master Kit	\$365.53	\$292.42
53-646-005-0	Bore Gage Setting Master Kit - without Gage Blocks	\$254.47	\$180.00



Electronic Calipers

with Smart Wireless Communication



Features:

- · HID Interface allows connection to most smart phones and tablets
- · Wireless connectivity for quick error free data collection
- · IP67 protected against fluid and dust
- · Includes an extra battery tray and a 1" setting standard
- · Supplied with NIST certification
- · Heavy duty frame with 4-way measuring, inside, outside, depth and step
- Super large display
- · Includes fitted case



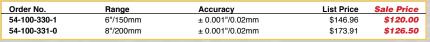
Order No.	Range	Accuracy	List Price	Sale Price
54-100-554-BT	0 - 4"/100mm	0.001"/0.02mm	Compare to Mitutoyo 500-762-20 @ \$237.59	\$145.50
54-100-556-BT	0 - 6"/150mm	0.001"/0.02mm	\$205.59	\$149.60
54-100-558-BT	0 - 8"/200mm	0.0015"/0.04mm	\$250.03	\$195.00
54-100-512-BT	0 - 12"/300mm	0.0015"/0.04mm	\$266.64	\$215.00

EURO-CAL IV® Electronic Calipers



reatures:

- IP54 protected against fluid and dust
- Absolute/Incremental Measurement
- · Resolution: 0.0005"/0.01mm (Fractions in 1/64" increments)
- · Stainless steel frame
- · 4-way measuring, inside, outside, depth and step
- Includes fitted case





Water Resistant IP54 Electronic Calipers



- · IP54 protected against fluid and dust
- · Absolute/Incremental Measurement
- · Resolution: 0.0005"/0.01mm
- · 4-way measuring, inside, outside, depth and step
- · Stainless steel frame
- · Wireless SPC data option
- · Includes fitted case



Order No.	Range	Accuracy	List Price	Sale Price
54-100-777-2	0 - 6"/150mm	0.0015"/0.04mm	\$161.70	\$132.30
54-100-712-2	0 - 12"/300mm	0.0015"/0.04mm	\$235.18	\$171.10
Accessory 54-115-100-0 54-520-399-0	Wireless Transmitter SPC cable (USB)		\$123.09 \$211.98	\$100.00 \$137.60

Digital Calipers



- · Absolute/Incremental Measurement
- · Stainless steel frame
- · Direct Inch/Metric conversion
- · 4-way measuring, inside, outside, depth and step
- · Wireless SPC data option
- · Includes fitted case

Order No.	Range	Accuracy	List Price	Sale Price
54-100-004-2	0 - 4"/00000mm	0.0015"/0.04mm	\$127.35	\$110.00
54-100-000-2	0 - 6"/150mm	0.001"/0.02mm	Compare to Mitutoyo 500-196-30 @ \$141.40	\$117.90
54-100-008-2	0 - 8"/200mm	0.0015"/0.04mm	\$169.07	\$138.40
54-100-112-2	0 - 12"/300mm	0.0015"/0.04mm	\$220.44	\$180.40
Accessories				
54-115-100-0	Wireless transmitter		\$123.09	\$100.00
54-520-399-0	SPC cable (USB)	\$211.98	\$137.60



XTRA-VALUE Plus Electronic Calipers





- Range: 6"/150mm
- Accuracy: ± 0.001"/0.02mm
- Resolution: 0.0005"/0.01mm
- Inch/Metric/Fraction reading: 0.0005"/0.01mm/ 1/128"
- · Heavy Duty frame for extra rigidity and wear resistance
- Super large, easy to read 14 x 52mm display
- · Combined thumbrest and thumbroll for fine adjustment
- Includes fitted case

Order No. 54-103-006-0

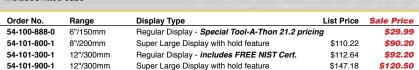
Sale \$80.00

List \$88.00

XTRA-VALUE CAL Electronic Calipers



- Accuracy: 0.001"/0.02mm (6" models)
- · Stainless steel frame
- · Large easy-to-read display
- Resolution: 0.0005"/0.01mm
- Absolute/Incremental Measurement
- · 4-way measuring, inside, outside, depth and step
- · Includes fitted case





Premium Dial Caliper



Features:

- · 4-way measuring, inside, outside, depth and step
- · Solid stainless steel construction
- · Silky smooth movement throughout
- 0 6" range, 0.100" per revolution, 0.001" graduations
- · Thumbroll for rapid setting
- · Knurled lock assures precise settings

Order No. 52-008-006-2

Sale \$127.00

List \$168.52

Machinist Grade Dial Calipers





Features:

- · 4-way measuring, inside, outside, depth and step
- Solid stainless steel construction
- 0.100"/2mm range per revolution
- · 0.001"/0.02mm reading dial face
- Tough shockproof gearing
- Includes fitted case

Order No.	Range	Dial Color	Accuracy	List Price	Sale Price
52-008-704-0	0 - 4"	White	± 0.001"	\$69.63	\$64.50
52-008-707-0	0 - 6"	Black	± 0.001"	\$95.00	\$83.00
52-008-708-0	0 - 8"	White	± 0.001"	\$114.08	\$99.00
52-008-712-0	0 - 12"	White	± 0.002"	Compare to Mitutoyo 505-746 @ \$230.00	\$119.90
52-008-709-0	0 - 150mm	Yellow	± 0.02mm	\$97.94	\$90.60

0 - 6" Dial Calipers



- 4-way measuring, inside, outside, depth and step
- Covered rack
- · Accuracy ± 0.001"
- 0.100" per revolution
- Dial graduation: 0.001"
- · Hardened stainless steel rack
- · Includes fitted case

Order No.	Range	Dial Color	Accuracy	List Price	Sale Price
52-008-005-0	0 - 6"/150mm	Black	± 0.001"	\$103.73	\$78.90
52-008-007-0	0 - 6"/150mm	White	± 0.001"	\$103.73	\$78.90



TRA-RANGE Electronic Calipers

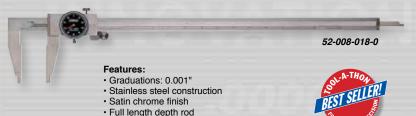


- · IP54 protected against fluid and dust
- Resolution: 0.0005"/0.01mm
- · Hold feature
- Absolute/Incremental measurement
- · Preset mode includes offset size for ID measurements
- · All sizes feature fine adjustment screw
- · Includes shop hardened case



Order No.	Range	Accuracy	Jaw Dept	th List Price	Sale Price
54-100-312-0	12"/300mm	± 0.002"	3.5"	\$259.55	\$240.10
54-100-024-1	24"/600mm	± 0.003"	4"	Compare to Mitutoyo 550-225-10 @ \$1,031.0	0 \$353.20
54-100-042-1	40"/1000mm	± 0.004"	4.9"	\$1,279.29	\$1,100.00

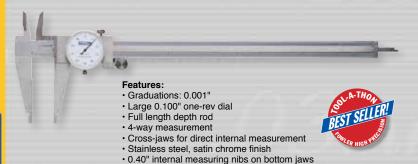
Extended Range Dial Calipers

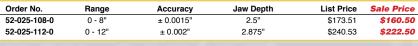


Order No.	Range	Accuracy	Jaw Depth	List Price	Sale Price
52-008-018-0	18"	± 0.003"	3.125"	\$300.40	\$277.90
52-008-024-0	24"	± 0.003"	3.375"	\$364.02	\$336.80

Heavy Duty Dial Calipers with Cross Jaws

0.50" internal measuring nibs on jaws







ases

X-TEST Horizontal Indicators

NOW available with High Contrast Dial Face!

Features:

- Solid brass anti-magnetic housing
- Super smooth jeweled movement
- · Smooth bezel adjustment for easy zero setting
- 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- · 0.060" range with auto reverse and rev. counter

Certificate of Calibration

- · Easy to read tilted dial
- 5/32" pivotable stem

Includes NIST



52-562-002-BD

Order No.	Graduation	Dial Size	Dial Reading	List Price Sale Price
52-562-001-BD	0.0005"	1-1/2"	0 - 15 - 0	Compare to Brown & Sharpe \$120.40 74.111370 @ \$236.00
52-562-002-BD	0.0005"	1"	0 - 15 - 0	\$147.07 \$120.40

XTEST Horizontal Indicators

Features:

- Solid brass anti-magnetic housing
- · Super smooth jeweled movement
- · Smooth bezel adjustment for easy zero setting
- 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



52-562-001-0





52-562-002-0

Includes NIST Certificate of Calibration

Order No.	Graduations	Dial Diameter	Dial Reading	List Price Sale Price
52-562-001-0	0.0005"	1-1/2"	0-15-0	Compare to Brown & Sharpe \$120.40 74.111370 @ \$236.00
52-562-002-0	0.0005"	1"	0-15-0	Compare to Brown & Sharpe \$120.40 74.111370 @ \$236.00
52-562-003-0	0.001"	1"	0-15-0	\$147.07 \$120.40
52-562-007-0	0.01mm	25mm	0-40-0	\$147.40 \$131.80
52-562-008-0	0.01mm	38mm	0-40-0	\$147.40 \$120.40

XTEST Vertical Indicators



52-562-005-0

TWICE the range of most indicators!

Features:

- · Solid brass anti-magnetic housing
- · Smooth bezel adjustment for easy zero setting
- · 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- 0.060" range with auto reverse and rev. counter
- 5/32" pivotable stem

Includes NIST Certificate of Calibration

Order No.	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
52-562-004-0	0.0005"	1-1/2"	0-15-0	\$161.04	\$131.80
52-562-005-0	0.0005"	1"	0-15-0	\$161.04	\$131.80
52-562-006-0	0.001"	1"	0-15-0	\$161.04	\$131.80

S

Any Indicator on this page \$120.00

Test Indicators

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

0.001" 0.0005" Reading







Extra Points

ı	Order	Dial	Total	Dial		Dial	Point	List
Ц	No.	Color	Range	Reading	Graduation	Diameter	Length	Price
ı	52-562-774-0	white	0.030"	0-15-0	0.001"	1"	1/2"	\$138.27
	52-562-778-0	black	0.030"	0-15-0	0.0005"	1"	1/2"	\$146.96
H	52-562-776-0	white	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	\$153.67
	52-562-780-0	black	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	\$153.67
L								

0.0001" Reading



Order No.	Dial Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price
52-563-772-0	black	0.008"	0-4-0	0.0001"	1-1/2"	1/2"	\$146.96
52-563-777-0	white	0.008"	0-4-0	0.0001"	1-1/2"	1/2"	\$146.96

Extra Long Contact





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Order	Dial	Total	Dial		Dial	Point	List
No.	Color	Range	Reading	Graduation	Diameter	Length	Price
52-562-782	2-0 black	0.020"	0-10-0	0.0005"	1"	1-7/16"	\$151.36
52-562-783	3-0 white	0.020"	0-10-0	0.0005"	1-1/2"	1-7/16"	\$151.36
52-562-784	I-0 black	0.020"	0-10-0	0.0005"	1-1/2"	1-7/16"	\$151.36
32-302-764	FU DIACK	0.020	0-10-0	0.0003	1-1/2	1-7/10	\$131.30

X-SERIES

INDI-XIIII Electronic Indicators

Features:

- Accuracy: ± 0.001"/0.03mm
- Resolution 0.0005"/0.01mm
- · 2-1/4" dial face
- · Lugback and 3/8" stem mountings
- Tolerance function
- · Absolute/incremental reading
- · Floating zero







Order No.	Range	List Price	Sale Price
54-520-255-0	0.50"/12.5mm	Compare to Mitutoyo 543-783 @ \$170.00	\$91.70
54-520-250-0	1"/25mm	\$123.31	\$105.00
54-520-260-0	1"/25mm/64ths	\$125.18	\$102.50

54-520-255-0

INDI-X hlue

IP65 HIGH Resolution Electronic Indicator

Features:

- · IP65 protected against fluid and dust making it great for shop environments
- Range: 1"/25mm
- Accuracy: ± 0.0002"/0.005mm
- Resolution: 0.00005"/0.001mm
- · Carbide tip
- · Tolerance function
- · Contains flat and center lug backs
- · Includes NIST certification and fitted case

Order No. 54-520-270-0

ale \$135.ºº

List \$168.85

Small Face Electronic Indicator

Features:

- · Range: 0 0.50"/0 12.5mm
- Accuracy: ± 0.0008"/0.02mm
- Resolution: 0.0005"/0.01mm
- 1.76" dial face
- · Carbide tip
- · Contains flat and center lug backs
- Includes NIST certification and fitted case

Order No. 54-520-275-0

Sale \$101.73

List \$127.16







Premium Dial Indicators Features: AGD group 2 Jeweled movement Tolerance markers Solid steel housing Carbide contact point 2 year Warranty "Great price for a great indicator" V.C

Reading List Price Sale Price Order No. Graduation Balanced Reading Range **Dial Color** 52-520-110-1 0.001" 0 - 100 Black Compare to Mitutoyo \$82.63 2904S @ \$128.00 52-520-110-2 0.001" 0 - 100 White Compare to Mitutoyo \$82.63 2904S @ \$128.00 52-520-135-0 0.05" 0.0001" 0 - 10 0-5-0 White \$147.00 \$184.51 52-520-105-0 0.50" 0.001" 0 - 100 0 - 50 - 0 White \$97.68 \$78.14 52-520-115-0 0.001" 0 - 50 - 0 White \$112.30 \$89.84 0 - 100 52-520-120-0 0.001" 0 - 100 White \$164.66 \$140.00 52-520-125-0 0.250" 0 - 50 0 - 25 - 0 White \$109.03 0.0005" \$136.29 52-520-129-0 0.0005" 0 - 50 0 - 25 - 0 White \$124.85 \$99.88 52-520-300-0 10mm 0.01mm 0 - 100 0 - 50 - 0 White \$117.92 \$94.34 52-520-500-0 25mm 0.01mm 0 - 100 0 - 50 - 0 White \$157.19 \$125.75

52-520-110-1

X-PROOF® IP54 Shockproof Dial Indicators

Features:

- · IP54 protected against fluid and dust
- · Rubber bellows on stem
- O-ring seal on safety cap

Includes NIST

Certificate of Calibration

- · O-ring protection for bezel and rotating dial
- Sealed back plate
- Shockproof design
- Continuous reading: 0-100
- Tolerance markers
- · AGD Group 2, 2-1/4" dia.
- · Lugback and carbide point







52-520-450-0



52-520-120-0

52-520-455-0

Order No.	Range	Graduation	Reading	Contact Point	List Price	Sale Price
52-520-450-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	\$89.59	\$85.20
52-520-455-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	\$96.85	\$92.10

Dial Indicator

Features:

- Range: 1", dial dia. 2-1/4"
- AGD group 2
- · Graduations: 0.001"
- · Continuous reading: 0 100
- · Supplied with lug backs positioned through 90° increments
- · Carbide tipped contact points
- Microfine graduations in black for continuous readings and red for balanced readings

Order No. 52-520-110-0

Sale \$78.60

List \$82.67

Indicator Extensions

Features:

- · Made of stainless steel
- · 7 popular sizes
- · Stackable for extended lengths
- · Available with either inch or metric threads
- · Use to extend the contact point of dial indicators



Order No.	Description	List Price	Sale Price
Inch			
52-526-001-0	1", 4 - 48 thread	\$5.26	\$5.00
52-526-002-0	1-1/2", 4 - 48 thread	\$5.26	\$5.00
52-526-003-0	2", 4 - 48 thread	\$6.70	\$6.40
52-526-004-0	2-1/2", 4 - 48 thread	\$6.70	\$6.40
52-526-005-0	3", 4 - 48 thread	\$6.70	\$6.40
52-526-006-0	4", 4 - 48 thread	\$9.18	\$8.80
52-526-007-0	6", 4 - 48 thread	\$10.62	\$10.10
Metric			
52-526-011-0	1", M2.5 thread	\$7.85	\$7.50
52-526-012-0	1-1/2", M2.5 thread	\$8.41	\$8.00
52-526-013-0	2", M2.5 thread	\$8.41	\$8.00
52-526-014-0	2-1/2", M2.5 thread	\$8.41	\$8.00
52-526-015-0	3", M2.5 thread	\$8.41	\$8.00
52-526-016-0	4", M2.5 thread	\$9.99	\$9.50
52-526-017-0	6", M2.5 thread	\$12.84	\$12.20



Indicator Chucks



Features:

- · Low carbon steel, black oxide finished
- · 0.0140" 0.040" chucking capacity
- Can be used with small pin gages for special or restricted applications
- Available in both 4 48 and M2.5 threads



not metadea
01301

Indicator shown

Order No.	Description	List Price	Sale Price
52-526-020-0	Indicator Chuck with 4 - 48 thread	\$24.95	\$23.80
52-526-021-0	Indicator Chuck with M2.5 thread	\$24.95	\$23.80

Roto Dial Indicator Holder



Order No.	Description	List Price	Sale Price
52-585-400-0	Roto Dial ONLY	\$178.00	\$169.10
52-585-411-0	Roto Dial with Premium Indicator	\$215.00	\$204.25
52-585-415-0	Roto Dial with Premium Indicator and Fine Adjust Mag Base	\$295.00	\$280.25

Depth Base Attachments



- · Turn your dial or electronic indicator into a depth gage
- 4" length for accuracy
- 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.	Description	List Price	Sale Price
52-125-004-0	Flat depth base attachment	\$45.43	\$37.20
52-125-005-0	Radius style depth base attachment	\$45.43	\$37.20



Height Transfer and Squareness Gage



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 and clamp

Indicator and standard shown not included

Order No. 53-620-010-0



List \$374.88

High Precision Dial Gage Stand

Features:

- · Quick positioning and adjustment
- · Features fine adjustment of 5/32"
- · Total height of column 14"
- · Can hold indicators with stems of 3/8" and 8mm
- · Supplied with two 2-3/8" diameter anvils, flat and serrated



Order No. 52-580-014-0

Sale \$186.90

List \$196.70

Flex Arm Magnetic Base

Features:

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

Order No. 52-585-015-0

Sale \$72,95

List \$91.19





Electronic Height Gage

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



PERFECT for the Work Shop!

Features:

- · Easy-to-use
- · Range: 16"/407mm
- · Repeatability: 0.00012"/0.003mm
- Resolution: 0.00005"/0.001mm
- Single probe holder
- · Fixed measuring force 7.5N
- High contrast display
- · Includes standard 4mm Ø ruby tipped probe, setting gage, AC adapter
- · Accessory probes available



Order No. 54-190-002-0

Sale \$3,999.00 List \$4,150.00

Twin Beam Electronic **Height Gages**

with Offset Scriber

Features:

- · Carriage design with offset scriber holder
- · Base is ground and lapped for flatness
- · Handwheel provides course and fine movement
- · Updated electronic and mechanical design offers better accuracy and movement of carriage
- · Carbide tipped scriber
- Functions include preset, in/mm conversion and ABS/INC for direct or comparative measuring

Accuracy
± 0.0016"/0.04mm
± 0.002"/0.05mm

54-174-224-3					
Order No.	Range	List Price	Sale Price		
54-174-212-3	12"/300mm	\$549.12	\$439.30		
54-174-224-3 Accessory	24"/600mm	\$768.68	\$629.00		

Twin Beam Dial Height Gages

- · Separate digit counters register both upward & downward travel
- · Zero setting can be obtained throughout the gage's range
- Coarse readings in 0.100" graduations: fine readings

0.001" • Dual chro • Carbide- • Base is h	indicator are ome plated b tipped scribe nardened, gro I for maximul	eams r. ound	
Range	Accuracy		
12"	± 0.0015"		-
24"	± 0.002"		
	52-174-2	12-0	-
Order No.	Range	List Price	Sale Pric

Order No.	Range	List Price	Sale Price
52-174-212-0	12"	\$329.45	\$269.60
52-174-224-0	24" Co	mpare to Mitutoy	o \$449.30
	192	2-152 @ \$1,415.00)



Order No. 54-176-006-0



List \$216.70

Horizontal Measuring Embedded Base

Magnets

Digi Level PLUS+ Features:

- · IP65 protected against fluid and dust
- Large auto inverting display
- Includes a 6" straight edge with beveled edge and 1/32nds graduations
- · Smart wireless available to connect to phone or tablet
- V's on top and bottom for measuring on cylindrical surfaces
- · Embedded magnets on bottom base for vertical and horizontal hold
- Accuracy: ± 0.2°
- Resolution: 0.050°
- Rechargeable battery
- · USB charging cable supplied









54-422-550-0

Order No.	Description	List Price	Sale Price
54-422-550-0	Digi-Level PLUS	\$139.48	\$120.00
54-422-550-BT	Digi-Level PLUS with smart wireless	\$157.63	\$145.00
	•		

mini-MAG 11

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



Features:

- On/off, tilt %, light, zero functions
- · Display is backlit for low light areas
- · Embedded magnets with 3.5lb. pull
- Display automatically inverts
- Measuring range: 360° (4 x 90°)
- Accuracy: ± 0.2°
- Resolution: 0.05°
- Dimensions: 2.375" x 1.375" x 2.375"
- · Hold feature

Order No. 54-422-460-0

Sale \$100.00

List \$123.53

mini-MAG PLUS

The Mini-Mag **PLUS** Protractor features a USB rechargeable battery, a backlit display, Tilt% function.

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 .9"
- Measuring range: 360° (4 x 90)
- Accuracy: ± 0.2°
- Resolution: 0.05°
 Hold feature
- Hold leature
- Zero function

Order No. 54-422-500-0



List \$129.91

Combination Squares



- · Blades are chrome plated, fully hardened and tempered
- 4 piece includes: square, protractor and center heads with 12" blade
- · 2 piece includes: square head and 12" blade
- Square head has level and scriber point
- Double indexed protractor is graduated 180° in both directions
- · Graduated in 8ths, 16ths, 32nds and 64ths

Order No.	Description	List Price	Sale Price
52-370-012-0	4 piece combination square	\$236.50	\$189.20
52-373-012-0	2 piece combination square	\$152.21	\$121.77

QUICK CHECK **Multi-Function Check Standard**



Order No. 53-813-015-0

Check

- √ Height Gages
- √ Micrometers
- √ Depth Gages
- √ Bore Gages
- √ Test & Dial Indicators √ Caliper Gages
- / Protractors & more



Features:

- · All sizes marked are actual
- · Accuracy of indicated values ± 0.00012"
- · One compact, multi-function, precise standard
- · Can be used to check and verify a multitude of measuring instruments
- · Supplied with a manufacturer's test certificate and fitted wood case

Sale \$1,550

List \$1,877.01

SHOP-BLOX® **Rectangular Gage Block Sets**



"Perfect for small shops. A really great bang for the buck" MII

- · 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 wood case

Order No.	Description	List Price	Sale Price
53-672-036-0	36 piece Rectangular Gage Block Set	\$368.44	\$310.00
53-672-081-0	81 piece Rectangular Gage Block Set	\$630.18	\$535.00









More Info



Pre-sized, solid aluminum. Common sizes used for setting heights, drill press depth stops and fences.

Available in two combination sets!

Features:

- Accuracy: 0.001" on all sides
- · All blocks are 3" long by 1/2" high
- 1-2-3 blocks feature 1/32" graduations on 2" and 3" sides
- · Blue anodized finish
- · Includes fitted case

Included with sets!

6" Straight Edge PLUS

Useful for layout and alignment applications!

Order No.	Description	List Price	Sale Price
52-439-050-0	Block sizes in matched pairs: 1-2-3 blocks, 3/4", 1/2", 3/8", 1/4", 3/16", 1/8", 1/16"	\$195.00	\$180.00
52-439-055-0	Block sizes (1 each): 1-2-3- block, 3/4", 23/32", 1/2", 15/32", 7/16", 3/8", 5/16", 1/4", 7/32", 3/16", 5/32", 1/8", 3/32", 1/16"	\$195.00	\$180.00



Perfect for set up and layout work, measuring and marking angles. Used for metal working, wood working and fabrication Features:



· 4" and 7" squares with embedded

magnets for horizontal and vertical position holding Carbide tipped scriber

Included with sets!

6" Straight Edge PLUS

Useful for layout and alignment applications!

List \$199.95

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



- · 23 holes for easy clamping
- · Sold in pairs
- · Hardened 56 60 HRC
- · Useful in layout and grinding work

Order No.	Description	Accuracy	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	± 0.0002"/1"	\$105.82	\$84.66
52-439-234-0	2-3-4 Blocks	± 0.0001"/1"	\$110.00	\$92.00
52-439-246-0	2-4-6 Blocks	± 0.0003"/1"	\$249.59	\$199.67

Features:

Parallel Set

- 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, 6" lengths
- · Height specifications relate to consistency within each pair. Absolute heights are nominal
- · Hardness: 50 HRC, 6" length and 1/32" thick-



Order No. 52-437-000-0

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: ± 0.0001"
- 12" cylindrical square: ± 0.00015"



Order No.	Description	List Price	Sale Price
52-750-006-0	6"	\$230.21	\$218.70
52-750-012-0	12"	\$328.75	\$312.40

Super Heavy Duty Automatic Center Punch

Features:

- · The pressure of marking is controlled by rotating the knurled cap. Screw the cap down for heavy indentations and screw the cap upward for lighter markings.
- · Steel construction. Four knurled bands provide a sturdy grip
- · The point is easily removed for sharpening

Order No. 52-500-290-0

List \$23.42

Carbide Super Scriber



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

Order No.	Description	Overall Length	List Price	Sale Price
52-500-050-0	Carbide Super Scriber	6.5"	\$38.01	\$36.20
52-500-055-0	Carbide Refill		\$11.44	\$10.90

Electronic Edge Finders

Features:

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



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

Order No.	Stylus	Shank	Audible	List Price	Sale Price
54-575-600-0	0.200"	1/2"	NO	\$42.00	\$37.80
54-575-625-0	0.200"	1/2"	NO	\$145.00	\$130.50
54-575-650-0	0.400"	3/4"	YES	\$145.00	\$130.50



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
- Includes a rugged, aluminum fitted case







Order No. 54-188-200-0

Sale \$122.10

List \$128.48

HIGH Accuracy Z-Axis Detectors



54-188-140-0

54-188-150-0

Ø5.00

2.0

- · IP67 protected against fluid and dust
- High accuracy and repeatability, ± 0.000039"/0.001mm
- 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)

		Ø20.00	00.9	7"
Order No.	Model	Dimensions	List Price	Sale Price
54-188-150-0	Inch	Height: 2"/50.8mm, Dia. 0.97"/24.638mm	\$275.98	\$262.20
54-188-140-0	Metric	Height: 1.57"/40mm, Dia. 0.78"/20mm	\$275.98	\$262.20

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)

High precision spindle has:

- · ISO 50 taper
- Less than 2 μm concentricity error





- 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
- · Measuring unit (mm/inch) indication
- · Display hold to retain readings
- · Output OPTO RS232 for each axis
- · 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

Order No.	Description	List Price	Sale Price
54-188-300-0	Tool Presetter	\$11,096.59	\$9,350.00
54-121-000-0	ISO 50/45 Tool Pot Adapter	\$1,196.43	
54-121-005-0	ISO 50/40 Tool Pot Adapter	\$772.40	
54-121-010-0	ISO 50/35 Tool Pot Adapter	\$1,196.43	
54-121-015-0	ISO 50/30 Tool Pot Adapter	\$963.26	
54-188-333-0	ISO 50 Setting Gage	\$640.00	
54-188-335-0	ISO 40 Setting Gage	\$1,136.10	



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

Fowler

- 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



Order No.	Description	List Price	Sale Price
52-710-025-0	2D Coaxial Set - Inch	\$281.82	\$230.60
52-710-030-0	2D Coaxial Set - Metric	\$287.32	\$235.00









Features:

Small, compact size

· 2 selectable parameters: Ra and Rz

Large LCD display

· Meets ISO and DIN standards

· N.I.S.T. traceable specimen included

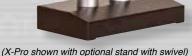
Uses 9 volt battery (aprox. 3000 measurements)

· Includes fitted case



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 Portable Roughness Tester II

Order No.	Description	Sale Price
54-410-500-0	Portable Surface Roughness Tester 0.0004" probe (NIST specifications)	
	Compare to MAHR EMD-1500-311 @ \$2395.00	\$1,666.70
54-410-600-0	Portable Surface Roughness Tester 0.0002" probe (DIN specifications)	
	Compare to MAHR EMD-1500-311 @ \$2395.00	\$1,666.70

X-Pro Portable Roughness Tester II Stand with Swivel

Order No.	Description	List Price	Sale Price
54-400-896-0	Stand with Swivel Attachment	\$490.60	\$475.00

X-Pro Portable Roughness Tester II Probes and Accessories

Order No.	Description	Resolution	List Price	Sale Price
54-400-319-0	General Purpose Probe	0.0004"	\$800.00	\$720.00
54-400-326-0	General Purpose Probe	0.0002"	\$800.00	\$720.00
54-420-321-0	Small Bore Probe	0.0004"	\$885.72	\$778.50
54-420-327-0	Small Bore Probe	0.0002"	\$885.72	\$778.50
54-420-301-0	Traverse Chisel Probe	0.0004"	\$885.72	\$778.50
54-420-302-0	Parallel Chisel Probe	0.0004"	\$885.72	\$778.50
54-420-328-0	Groove Bottom Probe	0.0004"	\$885.72	\$778.50
54-420-120-0	AC Adapter Kit		\$75.02	\$61.40



Measures up to 66 lbs.!



- · 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

Order No. 54-750-030-0





HIGH PRECISION

MAKING MEASUREMENT EASY

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