

Ph 866-945-5742 / sales@willrich.com



TOOL-A-THON[®]

Volume 19.2



over
20 NEW
items!

Visit us at booth #3251



eastec[®] 2019

May 14-16 | Eastern States Exposition • West Springfield, MA

Valid May 1st - Aug. 31st

www.fowlerprecision.com



Bluetooth Ultra-Cal VI Electronic Calipers



54-100-167-0



LIFETIME WARRANTY

- IP67 rated
- Available with or without Bluetooth
- Heavy duty frame
- Extra large display
- NOW available with ISO Cert



IP67



Order No.	Description	Accuracy	Resolution	List Price	Sale Price
Without Data Output					
54-100-177-0	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$119.65	\$105.00
54-100-178-0	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	244.49	215.00
54-100-179-0	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	327.73	295.00
Bluetooth					
54-100-167-0	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$344.36	\$295.00
54-100-167-C	6"/150mm with ISO/A2LA Certification				324.00
54-100-168-0	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	639.48	495.00
54-100-169-0	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	852.07	650.00
Accessory					
54-115-246-BT	USB bluetooth receiver			\$50.24	\$45.00

Ultra-Cal V Electronic Calipers

Buy 5, Get 1 FREE!



54-100-067-1

- 4-way measurement, inside, outside, depth and step (6" & 8" models)
- Hardened stainless steel construction
- Direct RS232 output
- Features Absolute/Relative Measuring Modes
- Thumbroll (6" and 8" models only)
- NOW available with ISO Cert

LIFETIME WARRANTY



IP67



Order No.	Description	Accuracy	Resolution	List Price	Sale Price
54-100-667-0	Buy 5 standard 6"/150mm Electronic Calipers (54-100-067-1), Get 1 FREE			\$1033.05	\$825.00
54-100-067-1	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$206.61	\$165.00
54-100-067-C	6"/150mm with ISO/A2LA Certification				194.00
54-100-068-1	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	491.87	370.00
54-100-069-1	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	590.24	490.00
Connectivity Cables					
54-115-526-0	Proximity cable with USB connection			\$141.57	\$125.00
54-115-527-0	Proximity cable with serial connection			141.57	125.00

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Ultra-Cal VI Proximity Electronic Calipers



54-100-444-1

LIFETIME WARRANTY 



IP67

- IP67 rated
- Ultra-Cal VI technology with proximity cable data output
- Heavy duty frame
- Extra large display

Order No.	Description	Accuracy	Resolution	List Price	Sale Price
54-100-444-1	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$161.26	\$140.00
54-100-448-1	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	291.31	250.00
54-100-412-1	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	390.15	350.00
Connectivity Cables					
54-115-526-0	Proximity cable with USB connection			\$141.57	\$125.00
54-115-527-0	Proximity cable with serial connection			141.57	125.00

Micron 0.00005" Electronic Caliper



Absolute Reading!

- Bluetooth connectivity
- High resolution: 0.00005"/0.001mm
- Accuracy up to 4": 0.0006"/0.015mm
- Accuracy above 4": 0.0012"/0.03mm
- Repeatability: 0.00016"/0.004mm
- Heavy duty frame (3.5mm)

LIFETIME WARRANTY 



IP67

Order No.	Description	List Price	Sale Price
54-100-100-0	6"/150mm Micron Electronic Caliper	\$400.07	\$325.00
Accessory			
54-115-246-BT	USB bluetooth receiver	\$50.24	\$45.00

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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.



- 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
- Protected to IP67
- Moveable left jaw
- Stainless steel titanium coated jaws
- Hold feature
- Preset function
- Min/Max functions
- Tolerance mode
- Internal and external measurement indicator
- New twin guided main beam



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

Specifications	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	0-24"/0-600mm	0-40"/0-1000mm	0-60"/0-1500mm	0-80"/0-2000mm	0-100"/0-2500mm
Maximum Error	30µm/0.0012"	40µm/0.0016"	50µm/0.002"	90µm/0.0035"	120µm/0.0048"	200µm/0.0078"
Repeatability	20µm/0.0008"				30µm/0.0012"	
Measuring Force	5 - 10 N					
Connection	Bluetooth Smart/Proxi. - RS-232 or - USB					
Protection Rating	IP67 (Electronic Module)					
Preset Max.	±9999.99 mm / ±399.9995 IN					
Weight	1.5 kg	1.6 kg	1.9 kg	2.3 kg	2.6 kg	2.9 kg

Order No.	Range	List Price	Sale Price
54-110-512-0	0 - 15"/0 - 400mm	\$2102.65	\$1830.00
54-110-524-0	0 - 24"/0 - 600mm	2454.30	2175.00
54-110-540-0	0 - 40"/0 - 1000mm	2824.69	2540.00
54-110-560-0	0 - 60"/0 - 1500mm	4246.91	3830.00
54-110-580-0	0 - 80"/0 - 2000mm - <i>special order</i>	5851.21	5200.00
54-110-600-0	0 - 100"/0 - 2500mm - <i>special order</i>	7070.56	6400.00
Connectivity Cables/Accessory			
54-115-526-0	Proximity USB Cable	\$141.57	\$125.00
54-115-527-0	Proximity Serial Cable	141.57	125.00
54-115-246-BT	USB Bluetooth Receiver	50.24	45.00

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Rapid-Mic Quick-Displacement Electronic Micrometers



54-815-030-0

**WORLD'S FINEST
Micrometer!**



NOW
available with
ISO Cert.

"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.

NEW Bluetooth Ranges NOW Available!

- Position recall
- Delrin quick displacement thimble
- Adjustable measuring force, 5N/10N (54-815-030-0 only)
- Menu customizable with free software
- Non-rotating spindle, 10mm/spindle rotation
- USB output or bluetooth available

LIFETIME WARRANTY



Watch the Demo!
YouTube
FowlerVid



54-815-111-0

Order No.	Description	Max Error	List Price	Sale Price
54-815-030-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$535.59	\$435.00
54-815-030-C	1.18"/30mm with ISO/A2LA Certification			460.00
54-815-060-0	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	792.51	710.00
54-815-100-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	1108.33	960.00
Set				
54-815-111-0	0 - 4"/0 - 102mm		\$2416.85	\$1995.00
Bluetooth Model				
54-815-130-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$792.51	\$669.00
54-815-160-0	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	1048.72	955.00
54-815-110-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	1365.00	1199.00
Bluetooth Set				
54-815-112-0	0 - 4"/0 - 102mm		\$2997.39	\$2499.00
Connectivity Cables/Accessory				
54-115-526-0	Proximity cable with USB connection		\$141.57	\$125.00
54-115-527-0	Proximity cable with serial connection		141.57	125.00
54-115-246-BT	USB Bluetooth receiver		50.24	45.00

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LIFETIME WARRANTY

We are so confident that these Fowler-Sylvac Mark VI electronic indicators are the most accurate, most dependable, best made products you can buy, we are extending the warranty to last a lifetime!

*No Gimmicks
No Hurdles
No Nonsense*

Quality, accuracy, dependability, world-class customer service and now a real Lifetime Warranty!

Mark VI Electronic Indicators

- Robust construction
- 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



This Button is programmable for common functions

54-530-135-0

NOW
available with
ISO Cert.



54-530-535-0



Order No.	Description	Maximum Error	Resolution	List Price	Sale Price
54-530-125-0	0 - 0.500"/12.5mm	0.0004"/0.01mm	0.0005"/0.01mm	\$448.16	\$395.00
54-530-135-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	573.85	499.00
54-530-145-0	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	511.50	450.00
54-530-155-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	612.11	540.00
54-530-155-C	0 - 1"/25mm with ISO/A2LA Certification				565.00
54-530-175-0	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	\$1158.63	1015.00
Bluetooth					
54-530-335-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$710.48	\$620.00
54-530-355-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	759.72	665.00
Accessory					
54-115-246-BT	USB Bluetooth Receiver			\$50.24	\$45.00
Analog Display					
54-530-535-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$644.90	\$565.00
54-530-555-0	0 - 1.00"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	705.06	615.00

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Multimode Electronic Test Indicators

The QuadraTest is the perfect solution to test indicating applications

- 4 measuring modes: Min, Max, TIR and Direct
- 4 measuring resolutions - 0.00005"/0.001mm or 0.0005"/0.01mm
- Water, oil and coolant resistant to IP65
- 1-1/2" diameter dial face rotates a full 360°
- Bar graph and numeric digital display
- Meets or exceeds DIN/ISO Standards (Maximum error on .00005" scale at full range: 0.0004")
- Available with 1/2" or extra-long 1-7/16" contact point



54-562-777-0



Order No.	Range	Contact Point Length	List Price	Sale Price
54-562-777-0	0.040"/1mm	1/2"	\$234.00	\$210.00
54-562-888-0	0.020"/0.5mm	1-7/16"	345.42	\$310.00
Accessory				
54-115-528-0	Output Cable USB		\$240.47	\$220.00

Hi_Gage One

The Fowler-Sylvac measuring system is exceptionally fast (60" per second traverse) and is the most reliable and maintenance free system ever created for measurement.

- True inch/metric conversion
- Resolution: 0.0005"/0.01mm
- Repeatability: 0.0004"/10µm
- Base size: 5.6" wide x 6.8" length
- Accuracy 0.0016"/0.002"
- Includes scriber/measuring probe
- Direct RS-232 output
- **Scale not affected by oil, dust, chips, magnetism, shock, etc.**



Super Smooth Movement!

54-212-024-1



Order No.	Range	List Price	Sale Price
54-212-016-1	16"/400mm	\$1513.91	\$1200.00
54-212-024-1	24"/600mm	1885.56	1400.00
Cables			
54-115-526-0	Proximity Cable with USB Connection	\$141.57	\$125.00
54-115-527-0	Proximity Cable with Serial Connection	141.57	125.00

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Fowler - Sylvac Hi_Cal Electronic Height Gages

- 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
- Data output USB and RS232
- 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



54-931-150-0

NOW
available with
ISO Cert.

Accessory Probe Sets



54-930-215-0



54-930-217-0

FREE 1mm Ball Probe with

Order No.

- 54-931-150-0
- 54-931-150-C
- 54-931-300-0
- 54-931-300-C
- 54-931-450-0
- 54-931-450-C

Accessories

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

Range

- 6"/150mm
- 6"/150mm *with ISO/A2LA Certification*
- 12"/300mm
- 12"/300mm *with ISO/A2LA Certification*
- 17.5"/450mm
- 17.5"/450mm *with ISO/A2LA Certification*

- Full Probe Accessory Set
- Basic Probe Accessory Set



54-931-300-0



54-931-450-0

NOW
with
Bluetooth!

FREE Basic Probe Set
with 54-931-450-0 Hi_Cal Purchase
\$617.62 Value!

6"/150mm & 12"/300mm Hi_Cal Purchase

Accuracy	List Price	Sale Price
0.00013"/0.0034mm	\$4849.82	\$4300.00
0.00016"/0.0042mm	5573.46	4550.00
0.00020"/0.005mm	6093.03	5365.00
		5475.00
		5825.00
	\$1138.15	\$1025.00
	617.62	555.00

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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 their entirety in Switzerland, they guarantee a robust, precise and reliable product in the long run.

- "Black mask" display with user friendly functions
- Electronically adjustable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries
- All adjustments possible without tools
- Cast iron base for optimal stability
- RS232 and USB interfaces requires 54-192-112-0 cable
- Dual probe holders (V4 and V5 Only)
- Carriage displacement: Manual
(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 V Models Include:

- Charging unit
- Measuring insert with ruby ball Ø4mm
- Probe holder elbow Ø 8mm
- Setting gage
- User's manual and test certificate



V3	54-192-340-0	54-192-370-0
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	20"/508mm	31.9"/812mm
Max. Permissible Errors	0.00028"/0.007mm	0.00032"/0.008mm
Frontal Squareness Deviation	0.0004"/0.010mm	0.0006"/0.015mm
Air Cushion	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	

V5	54-199-540-0	54-199-570-0	54-199-590-0
Measuring Range	16"/407mm	28"/711mm	43.7"/1110mm
Range with Probe inverted	28.3"/719mm	40.2"/1023mm	56"/1422mm
Max. Permissible Errors (µm)		2.5 + L(mm)/300	
Frontal Squareness Deviation	0.0002"/0.005mm	0.00032"/0.008mm	0.00043"/0.011mm
Air Cushion	YES		

Order No.	Description	Range	List Price	Sale Price
54-192-340-0	V3 Height Gage	16"/407mm	\$4543.03	\$3800.00
54-192-370-0	V3 Height Gage	28"/711mm	5008.90	4505.00
54-191-440-0	V4 Height Gage	16"/407mm	5984.16	4980.00
54-191-470-0	V4 Height Gage	28"/711mm	6961.52	5200.00
54-199-540-0	V5 Height Gage	16"/407mm	6595.41	5450.00
54-199-570-0	V5 Height Gage	28"/711mm	7815.80	6500.00
54-199-590-0	V5 Height Gage	43"/1100mm	12,090.35	9950.00
Probe Sets				
54-199-105-0	4mm Probe Set, 21 piece		\$1747.81	\$1540.00
54-199-106-0	8mm Probe Set, 16 piece		1304.22	1200.00
54-199-107-0	Economy Probe Set, 7 piece		462.98	424.00
Accessories				
54-199-400-0	12"/300mm Holder - for 8mm probes		\$978.33	\$850.00
54-777-120-0	Vmux software - for connecting multiple units to one PC		460.80	390.00



16"/407mm
\$3,800.00

Order No: 54-192-340-0



16"/407mm
\$4,980.00

Order No: 54-191-440-0



NOW

available with ISO Cert

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

28"/711mm
\$6,500.00

Order No: 54-199-570-0



EXTREMELY
Easy to Use!

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Fowler-Bowers **BLUETOOTH** XTH3 Holematic Pistol Grip Sets



"Fowler-Bowers makes an awesome product!"
T.T.



54-567-050-BT



- Self centering 3 point heads above 0.250"
- USB connectivity and Bluetooth
- Resolution: 0.00005"/0.001mm
- IP67 rated
- To reduce hand fatigue, the travel of the Holematic trigger is adjustable for minimum over travel
- 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



Contact the Fowler Technical Department for special measuring applications

Order No.	Range	Includes	List Price	Sale Price
54-567-009-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	5 heads, 1 handle, 3 rings	\$6260.07	\$5090.00
54-567-010-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	2454.58	1995.00
54-567-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	2871.63	2335.00
54-567-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	3707.86	3015.00
54-567-100-BT	2 - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	4127.04	3355.00
54-567-105-BT	4 - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	3707.86	3015.00
54-567-110-BT	6 - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	4894.29	3980.00
54-567-200-BT	4 - 8" /100 - 200mm	4 heads, 1 handle, 2 rings	7746.82	6300.00
54-567-210-BT	0.750" - 4" /20 - 100mm	6 heads, 1 handle, 4 rings	6034.02	4900.00
54-567-620-BT	0.250" - 0.750" /6 - 20mm	5 heads, 1 handle, 3 rings	3422.40	2780.00
Connectivity Cables/Accessory				
54-115-526-0	Proximity cable with USB connection		\$141.57	125.00
54-115-527-0	Proximity cable with serial connection		141.57	125.00
54-115-246-BT	USB bluetooth receiver		50.24	45.00



Fowler-Bowers **BLUETOOTH** XTD3 Electronic Holemike Sets



54-367-110-BT

- Self centering 3 point heads above 0.250"
- USB connectivity and Bluetooth
- Resolution: 0.00005"/0.001mm
- IP67 rated
- Ratchet stop for consistent measurement
- Sizes over 1"/25mm offer extended travel
- Includes UKAS certificates for micrometer, heads and settings rings

Contact the Fowler Technical Department for special measuring applications

Order No.	Range	Includes	List Price	Sale Price
54-367-000-BT	0.080" - 0.250"/2 - 6mm (2-point heads)	5 heads, 1 handle, 3 rings	\$5705.05	\$4640.00
54-367-010-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	2377.11	1930.00
54-367-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	2836.61	2300.00
54-367-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	3852.18	3130.00
54-367-100-BT	2 - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	4265.00	3465.00
54-367-105-BT	4 - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	3600.68	2925.00
54-367-110-BT	6 - 8" /150 - 200mm	2 heads, 1 handle, 1 ring	4756.33	3865.00
54-367-200-BT	4 - 8" /100 - 200mm	4 heads, 1 handle, 2 rings	7515.47	6110.00
Connectivity Cables/Accessory				
54-115-526-0	Proximity cable with USB connection		\$141.57	\$125.00
54-115-527-0	Proximity cable with serial connection		141.57	125.00
54-115-246-BT	USB bluetooth receiver		50.24	45.00

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XT-Series Holemikes Special Pricing!

Fowler-Bowers XT-Series Holemikes



52-255-316-0



FREE

Free 6" IP54
Electronic Caliper
with Holemike purchase!
\$145.00 Value

54-100-777-2

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.



- 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.	Accuracy	Meas. Depth	Ring Included	List Price	Sale Price
52-255-310-0	0.250" - 0.312"	0.00025"	0.00015"	2.28"	0.312"	\$737.86	\$508.50
52-255-311-0	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	683.21	472.50
52-255-312-0	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	683.21	472.50
52-255-313-0	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	683.21	472.50
52-255-314-0	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	700.61	481.50
52-255-315-0	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	769.48	531.00
52-255-316-0	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	1096.34	756.00
52-255-317-0	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	1122.55	774.00
52-255-318-0	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	1339.04	927.00
52-255-319-0	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	1351.02	936.00
52-255-320-0	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	1685.52	1165.50

Fowler-Bowers XT-Series Holemike Sets

Order No.	Range	Includes	List Price	Sale Price
52-255-565-0	0.250" - 0.375"	2 heads, 2 handles, 1 ring	\$1638.31	\$1134.00
52-255-665-0	0.375" - 0.750"	3 heads, 3 handles, 2 rings	1865.31	1287.00
52-255-775-0	0.750" - 2"	3 heads, 3 handles, 2 rings	2931.59	2025.00
52-255-885-0	2" - 4"	3 heads, 3 handles, 2 rings	3974.33	2889.00

Still Using Pin Gages?

MicroGage

2-Point Small Bore Gaging System



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.

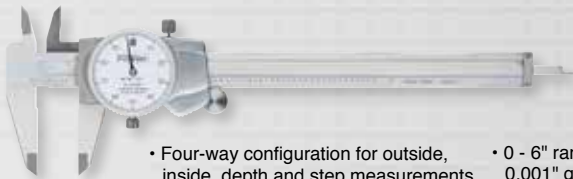
- System range : 0.040" - 0.250"/1 - 6mm
- Switchable resolution 0.0005", 0.00005"/0.01, 0.001, 0.0005mm
- Repeatability : 0.00005"/0.001mm
- Sets include setting rings
- UKAS-certificates as standard with all setting rings
- Depth stops available

Order No.	Description	List Price	Sale Price
54-551-010-0	0.037" - 0.096"/0.95 - 2.45mm	\$3248.57	\$2900.00
54-551-011-0	0.060" - 0.167"/1.5 - 4.25mm	3179.38	2800.00
54-551-012-0	0.089" - 0.250"/2.25 - 6.35mm	3351.93	3000.00
54-551-013-0	0.242" - 0.405"/6.15 - 10.35mm	2950.00	2650.00
Connectivity Cables			
54-115-526-0	Proximity cable with USB connection	\$141.57	\$125.00
54-115-527-0	Proximity cable with serial connection	141.57	125.00

***IMPORTANT:** Due to recent tariff increases, prices maybe subject to change. Prices & Specifications are subject to change without notice.



Premium Dial Caliper



- Four-way configuration for outside, inside, depth and step measurements
- 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 \$110.00

List \$147.12

Machinist Grade Dial Calipers



52-008-706-0



52-008-709-0

"Very precise with consistent readings. I would never change this analog for a digital one"
Erick T.

- 4-way measuring
- Solid stainless steel construction
- 0.100"/2mm range per revolution
- 0.001"/0.02mm reading dial face
- Tough shockproof gearing



Order No.	Range	Dial Face Color	Accuracy	List Price	Sale Price
52-008-706-0*	0 - 6"	White	± 0.001"	\$81.60	\$60.00
52-008-707-0*	0 - 6"	Black	± 0.001"	81.60	60.00
52-008-708-0*	0 - 8"	White	± 0.0015"	99.57	79.00
52-008-712-0*	0 - 12"	White	± 0.002"	131.81	98.00
52-008-709-0*	0 - 150mm (Metric Model)	Yellow	± 0.02mm	81.60	61.00

0 - 6" Dial Calipers



52-008-005-0

- 4-way measuring
- Covered rack
- Accuracy ± 0.001"
- 0.100" per revolution
- Dial graduation: 0.001"
- Hardened stainless steel rack



52-008-007-0

Order No.	Range	Dial Face Color	Accuracy	List Price	Sale Price
52-008-005-0*	0 - 6"/150mm	Black	± 0.001"	\$93.33	\$60.00
52-008-007-0*	0 - 6"/150mm	White	± 0.001"	86.70	60.00

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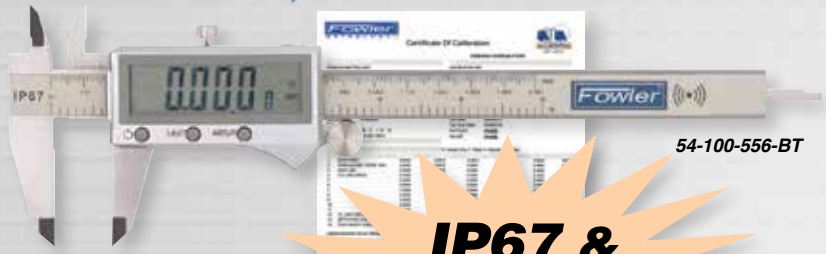


IP67

PLUS+

Electronic Calipers

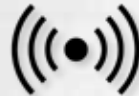
with Smart Wireless Communication



54-100-556-BT

**IP67 &
Smart Wireless
All in one!**

- **NEW** HID Interface allows connection to most bluetooth enabled devices
- **Extra** battery tray and 1" standard included
- **Supplied with NIST certification**
- Heavy duty frame with 4 way measuring
- Super large display
- Wireless in a value priced electronic caliper
- Protected to IP67



Order No.	Range	Accuracy	List Price	Sale Price
54-100-554-BT*	NEW 0 - 4"/100mm	0.001"/0.02mm	\$180.00	\$160.00
54-100-556-BT*	NEW 0 - 6"/150mm	0.001"/0.02mm	185.00	165.00
54-100-558-BT*	NEW 0 - 8"/200mm	0.0015"/0.04mm	225.00	200.00
54-100-512-BT*	NEW 0 - 12"/300mm	0.0015"/0.04mm	240.00	215.00

Water Resistant IP54 Electronic Calipers

Absolute Reading!



54-100-777-2

- Absolute sensor technology
- 4-way measuring
- Stainless steel frame
- Resolution: 0.0005"/0.01mm



Order No.	Range	Accuracy	List Price	Sale Price
54-100-777-2*	0 - 6"/150mm	0.0015"/0.04mm	\$145.50	\$95.00
54-100-712-2*	0 - 12"/300mm	0.0015"/0.04mm	211.67	125.00
Accessory				
54-115-100-0*	Wireless Transmitter		\$110.76	\$95.00

Economy Digital Calipers



54-100-004-2

Absolute Reading!



54-100-000-2



- Absolute sensor technology
- Stainless steel frame
- 4-way measuring
- Resolution: 0.0005"/0.01mm

Order No.	Range	Accuracy	List Price	Sale Price
54-100-004-2*	0 - 4"/100mm	0.001"/0.02mm	\$111.12	\$84.00
54-100-000-2*	0 - 6"/150mm	0.001"/0.02mm	129.57	87.00
54-100-008-2*	0 - 8"/200mm	0.0015"/0.04mm	152.15	115.00
54-100-112-2*	0 - 12"/300mm	0.0015"/0.04mm	198.36	150.00
Accessory				
54-115-100-0*	Wireless transmitter		\$110.76	\$95.00

EURO-CAL IV® Electronic Calipers



54-100-330-1



54-100-332-0



- Absolute/Incremental Measurement
- Resolution: 0.0005"/0.01mm (*Fractions in 1/64" increments*)
- Stainless steel frame
- 4-way measuring

Order No.	Range	Accuracy	List Price	Sale Price
54-100-330-1*	6"/150mm	± 0.001"/0.02mm	\$132.21	\$95.00
54-100-331-0*	8"/200mm	± 0.001"/0.02mm	156.52	115.00
54-100-332-0*	12"/300mm	± 0.0015"/0.03mm	200.78	150.00

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XTRA-VALUE Plus Electronic Calipers



54-103-006-0

NEW!



- Inch/Metric/Fraction reading: 0.0005"/0.01mm/ 1/128"
- Dust, water and oil resistant to IP54 standards making it **great for shop environments**
- Heavy Duty frame for extra rigidity and wear
- Super large, easy to read 14 x 52mm display
- Combined thumbrest and thumbroll for fine adjustment

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-103-006-0*	0 - 6"/150mm	0.0005"/0.01mm	± 0.001"/0.02mm	\$79.11	\$64.00
54-103-012-0*	NEW 0 - 12"/300mm	0.0005"/0.01mm	± 0.0015"/0.04mm	135.00	120.00

XTRA-VALUE CAL Electronic Calipers

NEW! Buy a 12" Get a 6" **FREE**

Buy a 12" (54-101-300-1) at **list price** and get a 6" (54-101-150-2) **FREE**



54-101-300-1

54-101-150-2

"Great price, good quality, prompt processing"

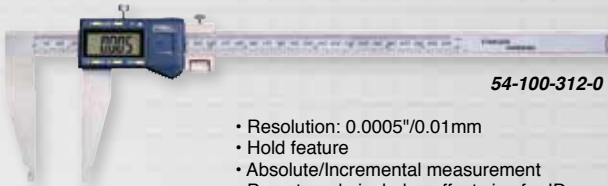
Terri F.

- 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



Order No.	Range	Display Type	List Price	Sale Price
54-101-300-P*	NEW Buy a 12" (54-101-300-1) and Get a 6" (54-101-150-2) FREE		\$152.05	\$101.33
54-101-150-2*	6"/150mm	Regular Display - includes FREE NIST Cert.	50.72	40.00
54-101-600-1*	6"/150mm	Super Large Display with hold feature	66.16	51.00
54-101-200-1*	8"/200mm	Regular Display	79.36	65.00
54-101-800-1*	8"/200mm	Super Large Display with hold feature	99.18	76.00
54-101-300-1*	12"/300mm	Regular Display - includes FREE NIST Cert.	101.33	83.00
54-101-900-1*	12"/300mm	Super Large Display with hold feature	132.44	111.00

XTRA-RANGE® Electronic Calipers



54-100-312-0



- 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 Depth	List Price	Sale Price
54-100-312-0*	12"/300mm	± 0.002"	3.5"	\$228.87	\$170.00
54-100-024-1*	24"/600mm	± 0.003"	4"	333.33	275.00
54-100-042-1*	40"/1000mm	± 0.004"	4.9	1116.90	780.00

Extended Range Dial Calipers



52-008-018-0



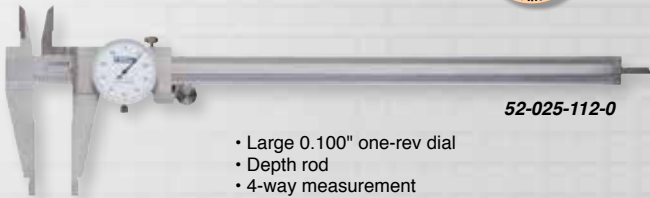
- Graduations: 0.001"
- Jaw depth: 3.375"
- Stainless steel construction
- Satin chrome finish
- Depth rod
- 0.500" internal measuring nibs

Order No.	Range	Accuracy	Jaw Depth	List Price	Sale Price
52-008-018-0*	18"	± 0.003"	3.125"	\$262.22	\$155.00
52-008-024-0*	24"	± 0.003"	3.375"	317.75	235.00

Heavy Duty Dial Calipers with Cross Jaws



52-025-108-0



52-025-112-0

- Large 0.100" one-rev dial
- Depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish

Order No.	Range	Accuracy	Jaw Depth	List Price	Sale Price
52-025-108-0*	8"	± 0.0015"	2.5"	\$151.46	\$120.00
52-028-112-0*	12"	± 0.002"	2.875"	209.98	155.00

***IMPORTANT:** Due to recent tariff increases, prices maybe subject to change.
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Outside Inch Micrometers



52-240-001-1



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

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-240-001-1*	0 - 1"	± 0.00015"	Friction	\$42.43	\$33.00
52-240-101-1*	0 - 1"	± 0.00015"	Ratchet	42.43	33.00
52-240-002-1*	1 - 2"	± 0.00015"	Friction	49.33	38.00
52-240-102-1*	1 - 2"	± 0.00015"	Ratchet	49.33	38.00
52-240-003-1*	2 - 3"	± 0.0002"	Ratchet	57.65	45.00
52-240-004-1*	3 - 4"	± 0.0002"	Ratchet	64.41	50.00
52-240-005-1*	4 - 5"	± 0.00025"	Ratchet	71.31	55.00
52-240-006-1*	5 - 6"	± 0.00025"	Ratchet	78.20	61.00
52-240-007-1*	6 - 7"	± 0.0003"	Ratchet	84.98	66.00
52-240-008-1*	7 - 8"	± 0.0003"	Ratchet	100.07	78.00
52-240-009-1*	8 - 9"	± 0.0003"	Ratchet	113.74	89.00
52-240-010-1*	9 - 10"	± 0.0003"	Ratchet	128.96	101.00
52-240-011-1*	10 - 11"	± 0.00035"	Ratchet	142.63	111.00
52-240-012-1*	11 - 12"	± 0.00035"	Ratchet	156.29	122.00
Sets					
52-215-003-1*	0 - 3" with standards and fitted shop hardened case			\$183.63	\$131.00
52-215-004-1*	0 - 4" with standards and fitted shop hardened case			235.80	170.00
52-215-006-1*	0 - 6" with standards and fitted wooden case			363.35	265.00
52-215-012-1*	0 - 12" with standards and fitted wooden case			1091.33	790.00
52-215-612-1*	6 - 12" with standards and fitted wooden case			748.56	560.00

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Outside Inch Micrometers



52-253-001-1

- 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
- Includes standard with sizes 2" and over

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-253-001-1*	0 - 1"	± 0.001"	Friction	\$35.66	\$29.00
52-253-101-1*	0 - 1"	± 0.001"	Ratchet	35.66	29.00
52-253-002-1*	1 - 2"	± 0.001"	Friction	42.43	34.00
52-253-102-1*	1 - 2"	± 0.001"	Ratchet	42.43	34.00
52-253-003-1*	2 - 3"	± 0.001"	Ratchet	49.33	39.00
52-253-004-1*	3 - 4"	± 0.001"	Ratchet	57.65	46.00
52-253-005-1*	4 - 5"	± 0.001"	Ratchet	64.41	51.00
52-253-006-1*	5 - 6"	± 0.001"	Ratchet	71.31	57.00

Outside Inch Micrometer Set



- Range: 0 - 6"
- 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
- Includes standard with sizes 2" and over

Order No. 52-253-600-1*

Sale \$250.00

List \$327.69

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Outside Inch Micrometers with Decimal Equivalents on Frame



52-235-001-1



- Black decimal equivalents on satin chrome finished forged steel frame
- Graduations: 0.0001"
- Ratchet thimble and locking nut
- Includes standard for 1-2" sizes

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-235-001-1*	0 - 1"	± 0.0001"	Ratchet	\$67.56	\$49.00
52-235-002-2*	1 - 2"	± 0.0001"	Ratchet	78.20	57.00
52-235-003-2*	2 - 3"	± 0.0001"	Ratchet	97.76	71.00
Set					
52-235-100-0*	0 - 3"			\$245.14	\$216.00

Swiss-Style Micrometers



52-229-201-0



"Awesome set of mics"
Erik

- 0.0001" reading
- Carbide measuring faces
- Insulated frame
- Ratchet thimble and locking lever
- Microfine graduations
- Sizes over 1" include standard
- Includes case



52-229-213-0

Order No.	Range	Accuracy	List Price	Sale Price
52-229-201-0*	0 - 1"	± 0.00016"	\$54.95	\$40.00
52-229-202-0*	1 - 2"	± 0.00016"	64.35	47.00
52-229-203-0*	2 - 3"	± 0.0002"	79.34	58.00
52-229-204-0*	3 - 4"	± 0.0002"	91.08	66.00
Sets				
52-229-213-0*	0 - 3"		\$198.09	\$145.00
52-229-214-0*	0 - 4"		280.45	206.00
52-229-220-0*	0 - 100mm		280.45	206.00

***IMPORTANT:** Due to recent tariff increases, prices maybe subject to change.
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Digit Counter Micrometers



52-224-001-0

"Perfect"

J.J

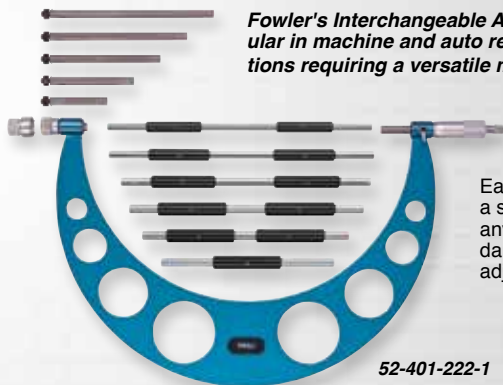


52-224-103-0

- 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" include standard
- Includes case

Order No.	Range	List Price	Sale Price
52-224-001-0*	0 - 1"	\$116.01	\$80.00
52-224-002-0*	1 - 2"	121.87	84.00
52-224-003-0*	2 - 3"	138.81	96.00
52-224-004-0*	3 - 4"	152.69	105.00
52-224-005-0*	4 - 5"	161.61	111.00
52-224-006-0*	5 - 6"	168.98	117.00
Sets			
52-224-103-0*	0 - 3" set	\$366.22	\$254.00
52-224-104-0*	0 - 4" set	519.31	359.00
52-224-220-0*	0 - 75mm set	385.60	267.00

Interchangeable Anvil Micrometers



52-401-222-1

Fowler's Interchangeable Anvil Micrometers are very popular in machine and auto repair and for all other applications requiring a versatile micrometer.

Each micrometer is equipped with a series of easily interchangeable anvils to fulfill the ranges listed. Standards are also included to accurately adjust the required range.

- Hammertone blue baked enamel frame
- 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
- Parallelism: 0.0004"
- Flatness: 0.00003"

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-401-221-1*	0 - 6"	0.0001"	0.00024"	\$260.01	\$200.00
52-401-222-1*	6 - 12"	0.0001"	0.00024"	381.91	275.00
52-401-204-1*	12 - 16"	0.001"	0.00036"	458.32	340.00
52-401-205-1*	16 - 20"	0.001"	0.00036"	534.72	410.00

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XTRA-VALUE II Electronic Micrometers



54-870-001-0

- Resolution: 0.00005"/0.001mm
- Accuracy: $\pm 0.00016"/0.004\text{mm}$ (up to 2")
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble



FREE!



Ball Attachment



Order No.	Range	List Price	Sale Price
54-870-001-0*	0 - 1"/0 - 25mm	\$99.18	\$72.00
54-870-002-0*	1 - 2"/25 - 50mm	107.10	79.00

Electronic Coolant Resistant Micrometers



54-860-001-1

- Protected to IP54 specifications
- Automatic switch off
- Accuracy: $\pm 0.00016"/0.004\text{mm}$ (up to 2")
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute & incremental modes

FREE!



Ball Attachment



Order No.	Range	List Price	Sale Price
54-860-001-1*	0 - 1"/0 - 25mm	\$125.67	\$95.00
54-860-002-1*	1 - 2"/25 - 50mm	145.50	109.00
54-860-003-1*	2 - 3"/50 - 75mm	158.69	119.00
54-860-004-1*	3 - 4"/75 - 100mm	184.17	137.00
54-860-005-1*	4 - 5"/100 - 125mm	206.28	154.00
54-860-006-1*	5 - 6"/125 - 150mm	231.51	170.00
Set			
54-860-103-1*	0 - 3"/0 - 75mm Set	\$413.37	\$305.00

XTRA-MIC PLUS+

Electronic Micrometers

NEW!



54-880-001-0

Great for Shop Environments!

- Corrosive resistant ratchet thimble (anodized aluminum)
- Super large LCD display, 14mm height
- Resolution: 0.00005"/0.001mm
- IP54 protected against fluid and dust
- Spindle lock
- Carbide tipped anvil and spindle
- SPC output
- Includes fitted case



FREE!



Order No.	Range	Accuracy	List Price	Sale Price
54-880-001-0*	NEW 0 - 1"/0 - 25mm	0.00016"/0.004mm	\$140.76	\$124.00
54-880-002-0*	NEW 1 - 2"/25 - 50mm	0.00016"/0.004mm	162.18	142.00
54-880-003-0*	NEW 2 - 3"/50 - 75mm	0.0002"/0.005mm	173.40	152.00
54-880-004-0*	NEW 3 - 4"/75 - 100mm	0.0002"/0.005mm	198.90	174.00
Set				
54-880-103-0*	NEW 0 - 3"/0 - 75mm		\$447.78	\$390.00
Accessory				
54-520-399-0*	SPC cable		\$170.22	\$120.00

XTRA-VALUE Digi-Micrometers



54-815-001-2

- Protected to IP54 specifications
- Rugged steel design
- Large LCD Display
- Absolute & incremental modes
- Automatic switch off
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Sizes over 1"/25mm include standard



Order No.	Range	Accuracy	List Price	Sale Price
54-815-001-2*	0 - 1"/0 - 25mm	± 0.00016"	\$165.36	\$120.00
54-815-002-2*	1 - 2"/25 - 50mm	± 0.00016"	191.83	140.00
54-815-003-2*	2 - 3"/50 - 75mm	± 0.0002"	211.67	150.00
Set				
54-815-103-0*	0 - 3"/0 - 75mm set		\$446.14	\$380.00

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Point Anvil & Spindle Micrometers



Absolute Reading!



- 30° pointed anvil and spindle for measuring small grooves, keyways, small flutes and hard to reach dimensions
- Protected to IP54 specifications
- Large LCD Display, 8.5mm

- Automatic switch off
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Accuracy	List Price	Sale Price
54-860-661-0*	0 - 1"/0 - 25mm	0.00016"/0.004mm	\$184.69	\$135.00
54-860-662-0*	1 - 2"/25 - 50mm	0.00016"/0.004mm	202.05	148.00
54-860-663-0*	2 - 3"/50 - 75mm	0.0002"/0.005mm	225.98	166.00
54-860-664-0*	3 - 4"/75 - 100mm	0.0002"/0.005mm	245.81	180.00

Point Spindle & Blade Anvil Micrometers



Absolute Reading!



- 60° pointed spindle with blade anvil for grooves and hard to reach dimensions
- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off

- Resolution: 0.00005"/0.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Accuracy	List Price	Sale Price
54-860-671-0*	0 - 0.8"/0 - 20mm	0.00016"/0.004mm	\$154.07	\$113.00
54-860-672-0*	1 - 1.8"/25 - 45.7mm	0.00016"/0.004mm	173.22	127.00
54-860-673-0*	2 - 2.8"/50 - 71mm	0.0002"/0.005mm	196.15	144.00
54-860-674-0*	3 - 3.8"/75 - 96.5mm	0.0002"/0.005mm	221.20	162.00

***IMPORTANT:** Due to recent tariff increases, prices maybe subject to change. Prices & Specifications are subject to change without notice.

Electronic IP54 Ball Anvil Micrometers



54-860-113-1

Absolute Reading!



- Ball anvil/flat spindle for measuring tubes or the insides of holes to outer edges
- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off

- Resolution: 0.00005"/0.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Accuracy	List Price	Sale Price
54-860-113-1*	0 - 1"/0 - 25mm	0.00016"/0.004mm	\$127.36	\$93.00
54-860-114-1*	1 - 2"/25 - 50mm	0.00016"/0.004mm	149.18	109.00
54-860-115-1*	2 - 3"/50 - 75mm	0.0002"/0.005mm	171.33	125.00
54-860-116-1*	3 - 4"/75 - 100mm	0.0002"/0.005mm	193.04	141.00

Electronic IP54 Ball Anvil & Spindle Micrometers



54-860-211-1

Absolute Reading!



- Ball anvil and spindle for measuring special curved surfaces
- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off

- Resolution: 0.00005"/0.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Accuracy	List Price	Sale Price
54-860-211-1*	0 - 1"/0 - 25mm	0.00016"/0.004mm	\$138.81	\$102.00
54-860-212-1*	1 - 2"/25 - 50mm	0.00016"/0.004mm	160.19	117.00
54-860-213-1*	2 - 3"/50 - 75mm	0.0002"/0.005mm	183.02	134.00
54-860-214-1*	3 - 4"/75 - 100mm	0.0002"/0.005mm	206.85	152.00

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Vernier Thread Micrometers



52-219-001-1

- 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"	\$83.23	\$74.00
52-219-002-1*	1 - 2"	44 - 3.5 TPI/0.6 - 7mm	0.00016"	93.64	83.00
52-219-003-1*	2 - 3"	24 - 3.5 TPI/1 - 7mm	0.0002"	109.24	96.00
52-219-004-1*	3 - 4"	24 - 3.5 TPI/1 - 7mm	0.0002"	119.65	104.00

Electronic IP65 Thread Micrometers



54-219-001-0



- Water Resistant to IP65 specifications
- 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	\$223.69	\$195.00
54-219-002-0*	1 - 2"	44 - 3.5 TPI/0.6 - 7mm	± 0.00008"/0.002mm	239.29	207.00
54-219-003-0*	2 - 3"	24 - 3.5 TPI/1 - 7mm	± 0.00008"/0.002mm	254.90	222.00
54-219-004-0*	3 - 4"	24 - 3.5 TPI/1 - 7mm	± 0.00012"/0.003mm	270.50	234.00

Thread Measuring Wire Set

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

NEW!



Order No. 52-485-048-0*

Sale \$21.00

List \$31.48

Vernier Inch Blade Micrometers



52-246-001-1

- Use blade micrometers to measure the outside diameter of workpieces which have narrow grooves, "T" slots and other dimensions
- 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"	\$218.65	\$160.00
52-246-002-1*	1 - 2"	0.0001"	0.00016"	238.02	175.00
52-246-003-1*	2 - 3"	0.0001"	0.0002"	248.37	185.00
52-246-004-1*	3 - 4"	0.0001"	0.0002"	253.29	190.00

Electronic IP54 Blade Micrometers



54-860-241-0

- Water resistant to IP54 specifications
- 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	\$269.86	\$200.00
54-860-242-0*	1 - 2" Blade Anvil with standard	293.15	218.00
54-860-243-0*	2 - 3" Blade Anvil with standard	306.19	228.00
54-860-244-0*	3 - 4" Blade Anvil with standard	320.47	240.00

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Digit Counter Ball-Anvil Micrometers



52-244-201-1

- Microfine graduations on satin chrome.
- Digital counter reads to 0.001"; sleeve reads to 0.0001"
- No. 52-244-201-1 spindle hardened and precision ground with a carbide tipped measuring face
- Ratchet stop thimble on all models
- Accuracy: 0.00016"
- Graduation: 0.0001"

Order No.	Range	List Price	Sale Price
52-244-201-1*	0 - 1" Ball Anvil	\$121.87	\$90.00
52-244-202-1*	1 - 2" Ball Anvil	146.96	108.00

Digit Counter Disc Micrometers



52-250-301-1

- Measuring range: 0 - 1"
- Anvil and spindle are hardened and precision ground with microlap finish on measuring faces
- Quick and easy zero adjustment on sleeve.
- Flatness: 0.00004"
- Accuracy: 0.00016", Graduation: 0.0001"
- Disc edge thickness: 0.035", Disc dia.: 0.708"
- Center opening: 0.280"
- Ratchet thimble
- 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.

Order No.	Range	List Price	Sale Price
52-250-301-1*	0 - 1"	\$160.20	\$120.00
52-250-302-1*	1 - 2"	176.25	130.00

Digit Counter Spline Micrometer



Order No. 52-218-301-1*

- Range: 0 - 1"
- Measure recesses, grooves and splines
- Carbide tipped measuring faces
- Positive knob locking clamp
- Ratchet stop for exact readings
- Graduation: 0.0001"
- Accuracy: 0.00016"
- Flatness: 0.00002"
- Parallelism : 0.00005"
- Includes wrench & case

Sale \$110.00

List \$152.82

Cylindrical/Spherical Tube Micrometers



52-510-601-1



52-510-602-1

- Anvil is hardened and precision ground
- Carbide tipped spindle
- Spindle thread is hardened, ground and lapped
- Accuracy: 0.00024"
- Graduations: 0.0001"
- Ratchet thimble
- Microfine graduations on satin chrome finish permit easy reading
- Measurements can be taken at locations far from the end due to the protruded rod-anvil design

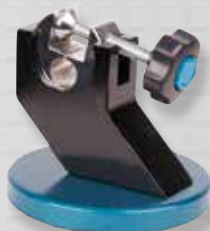
Order No.	Range	Type	List Price	Sale Price
52-510-601-1*	0 - 1"	Cylindrical	\$68.57	\$50.00
52-510-602-1*	0 - 1"	Spherical	68.57	50.00

Micrometer Stands



52-247-005-0

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



52-247-000-0

- Provides a measuring position and angle for outside micrometers and other instruments

XTRA MAG

52-247-010-0

- 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



Micrometer not included

Order No.	Description	List Price	Sale Price
52-247-000-0*	Adjustable Micrometer Stand	\$60.38	\$45.00
52-247-005-0*	Folding Micrometer Stand	40.41	32.00
52-247-010-0*	Magnetic Micrometer Stand	54.12	42.00

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INDI-X^{blue}

Electronic Indicators

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



INCH • METRIC • FRACTION™

"Easy to use, easy to read, top notch accuracy"

Mr. R.



54-520-250-0



54-520-260-0



Carbide-tipped point!

Order No.	Description	List Price	Sale Price
54-520-255-0*	0.50"/12.5mm Indi-X Blue	\$103.08	\$70.00
54-520-250-0*	1"/25mm Indi-X Blue	110.99	75.00
54-520-260-0*	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction	112.61	80.00

Fine Adjust Mag Base Sets

With **INDI-X^{blue}** Electronic Indicator or AGD White Face Indicator

Magnetic Base • 52-585-005-0:

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

Magnetic Indicator • 52-585-495-0:

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

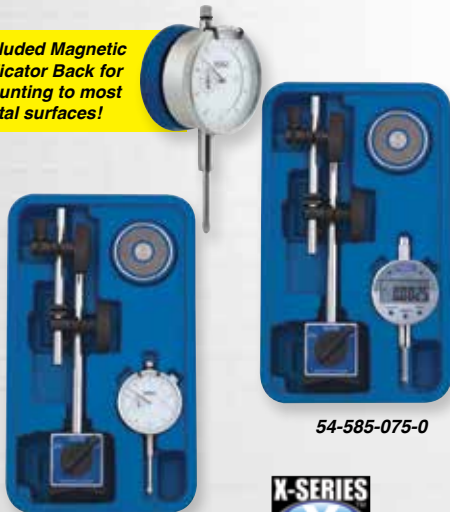
Indi-X Blue Indicator • 54-520-250-0:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point with 4-48 thread

AGD Indicator • 52-520-110-0:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: 0.001"
- Continuous reading: 0.100"
- Carbide tipped point with 4-48 thread

Included Magnetic Indicator Back for mounting to most metal surfaces!



52-585-125-0

54-585-075-0



Order No.	Description	List Price	Sale Price
52-585-125-0*	Fine Adjust Mag Base with AGD Dial Indicator Set	\$169.10	\$125.00
54-585-075-0*	Fine Adjust Mag Base with Indi-X Blue Electronic Indicator Set	216.69	140.00

INDI-X^{blue}

Small Face Electronic Indicator

- Range: 0 - 0.50"/0 - 12.5mm
- Accuracy: $\pm 0.0008"/0.02\text{mm}$
- Resolution: 0.0005"/0.01mm
- 1.76" dial face
- Carbide tip
- Contains flat and center lug backs
- Includes NIST certification and fitted case



NEW!



Order No. 54-520-275-0*

Sale \$95.00

List \$114.44

INDI-X^{blue}

IP65 HIGH Resolution Electronic Indicator

- Range: 1"/25mm
- Accuracy: $\pm 0.0002"/0.005\text{mm}$
- Resolution: 0.00005"/0.001mm
- IP65 protected
- Carbide tip
- Tolerance function
- Contains flat and center lug backs
- Includes NIST certification and fitted case



NEW!



Order No. 54-520-270-0*

Sale \$125.00

List \$151.90

INDI-X^{blue}

IP65 Electronic Indicator

- Range: 1"/25mm
- Accuracy: $\pm 0.0012"/0.03\text{mm}$
- IP65 protected
- Carbide tip
- Tolerance function
- Contains flat and center backs
- Includes NIST certification and fitted case



NEW!



Order No. 54-520-265-0*

Sale \$110.00

List \$126.93

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Dial Indicator

- Range: 1" , dial dia. 2-1/4"
- AGD group 2
- Graduations: 0.001"
- Continuous reading: 0 - 100
- Revolution counter hand
- Supplied with lug backs positioned through 90° increments
- Carbide tipped contact points
- Spindle & rack of hardened stainless steel
- Pinions hardened and tempered
- Microfine graduations in black for continuous readings and red for balanced readings
- Movement mounted independently from case on rigid supporting plate, ensuring perfect and permanent alignment
- Knurled bezel
- Meets AGD specifications. Group II & III gages—measuring pressure approximately 2 oz. except 0.0001"/0.002mm which is 5 oz.
- Includes adjustable tolerance limit markers
- Meets ANSI specs for accuracy



Order No. 52-520-110-0*

Sale \$42.⁰⁰

List \$72.17

DUAL **PLUS+** Dial Indicator

- Two dial indicators in one
- Inch on one side and metric on the opposite side
- Range: 0.5"/12.5mm
- Graduation: 0.001"/0.01mm
- 8mm mounting stem with 3/8" adaptor bushing included
- Jeweled movements
- Carbide contact point
- 1" spline contact point included
- Includes NIST certificate for both inch and metric readings

Inch Reading Side



Metric Reading Side



Order No. 52-530-115-0*

Sale \$80.⁰⁰

List \$109.24

Premium Dial Indicators



52-520-135-0



52-520-110-2



52-520-110-1

"Great price for a great indicator"
V.C.



- Tolerance markers
- Solid steel housing
- Carbide contact point

**3 year
Warranty**

**Includes NIST
Certificate of Calibration**

Order No.	Range	Graduation	Reading	Balanced Reading	Dial Color	List Price	Sale Price
52-520-110-1*	1"	0.001"	0 - 100	—	Black Face	\$92.91	\$65.00
52-520-110-2*	1"	0.001"	0 - 100	—	White Face	92.91	65.00
52-520-120-0*	2"	0.001"	0 - 100	0 - 50 - 0	White Face	143.74	99.00
52-520-129-0*	1"	0.0005"	0 - 50	0 - 25 - 0	White Face	112.36	75.00
52-520-135-0*	0.05"	0.0001"	0 - 10	0 - 5 - 0	White Face	161.01	110.00
52-520-125-0*	0.250"	0.0005"	0 - 50	0 - 25 - 0	White Face	122.64	82.00

Premium IP54 Shockproof Dial Indicators

- Includes NIST Certification
- Includes both center lug back and flat back
- Steel housing
- Sealed plunger, dustcap and back plate
- Carbide contact point
- 0 - 100 dial reading with rev. counter



52-520-460-0



52-520-465-0

Order No.	Range	Graduation	Reading	Contact Point	List Price	Sale Price
52-520-460-0*	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	\$100.82	\$65.00
52-520-465-0*	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	100.82	65.00

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Depth Base Attachments

- Turn your dial or electronic indicator into a depth gage (may reduce range)
- 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.	Description	List Price	Sale Price
52-125-004-0*	Flat depth base attachment	\$40.88	\$30.00
52-125-005-0*	Radius style depth base attachment	40.88	30.00

Indicator Chucks



52-526-020-0

- 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



Indicator shown
not included



Order No.	Description	List Price	Sale Price
52-526-020-0	Indicator Chuck with 4 - 48 thread	\$23.93	\$20.00
52-526-021-0	Indicator Chuck with M2.5 thread	23.93	20.00

Deluxe Dial Gage Stand

- Quick positioning and adjustment
- Zero settings with knob for fine adjustment
- Fine adjustment of 5/32"
- Can hold indicators with stems of 38" and 8mm
- Round working surface of 2-1/4"
- Diameter of column is 1"
- Measuring range: 6"/150mm
- Overall height: 10"
- 2" (base height) x 4" (base width) x 6" (base length)



Order No. 52-580-010-0*

Sale \$150.00

List \$253.73

XTEST

Horizontal Indicators

- Solid copper body
- Super smooth jeweled movement
- Smoother bezel adjustment for easier 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.	Style	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
52-562-001-0*	Horizontal	0.0005"	1-1/2"	0-15-0	\$132.36	\$99.00
52-562-002-0*	Horizontal	0.0005"	1"	0-15-0	132.36	99.00
52-562-003-0*	Horizontal	0.001"	1"	0-15-0	132.36	99.00
52-562-008-0*	Horizontal	0.01mm	38mm	0-40-0	132.59	99.00

XTEST

Vertical Indicators

TWICE the range of most indicators!

- Graduations: 0.0005"
- Dial diameter: 1" and dial reading: 0 - 15- 0
- Solid copper body and super smooth jeweled movement
- Smoother bezel adjustment for easier 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



52-562-005-0



**Includes NIST
Certificate of Calibration**

Order No.	Style	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
52-562-004-0*	Vertical	0.0005"	1-1/2"	0-15-0	\$144.94	\$99.00
52-562-005-0*	Vertical	0.0005"	1"	0-15-0	144.94	99.00
52-562-006-0*	Vertical	0.001"	1"	0-15-0	144.94	99.00

Test Indicator Set with Certificate of Calibration

Test Indicator:

- Auto-reverse
- Jeweled movement
- Range: 0.030"
- Graduation: 0.0005"
- Dial Reading: 0-15-0
- Dial Diameter: 1.125"
- Point length: 0.400"
- Carbide contact points

Set Also Includes:

- 0.080" & 0.040" contact points
- Universal clamp
- Height gage attachment
- 3/8" & 1/4" dovetail clamps
- Manufacturer's test certificate
- Meets ANSI Specs for accuracy
- All in a fitted molded case



Order No. 52-562-999-0

Sale \$125.00

List \$145.12

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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.



52-562-775-0



52-562-778-0



Extra Points



Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-562-774-0*	white	0.030"	0-15-0	0.001"	1"	1/2"	\$124.42	\$80.00
52-562-778-0*	black	0.030"	0-15-0	0.0005"	1"	1/2"	132.21	80.00
52-562-775-0*	white	0.030"	0-15-0	0.0005"	1"	1/2"	132.21	80.00
52-562-776-0*	white	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	138.28	80.00
52-562-780-0*	black	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	138.28	80.00



52-563-770-0



52-563-771-0

Extra Points



Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-563-770-0*	white	0.008"	0-4-0	0.0001"	1"	1/2"	\$132.21	\$80.00
52-563-771-0*	black	0.008"	0-4-0	0.0001"	1"	1/2"	132.21	80.00



52-562-784-0

Extra Points



Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-562-781-0*	white	.020"	0-10-0	0.0005"	1"	1-7/16"	\$136.22	\$85.00
52-562-782-0*	black	.020"	0-10-0	0.0005"	1"	1-7/16"	136.22	85.00
52-562-783-0*	white	.020"	0-10-0	0.0005"	1-1/2"	1-7/16"	136.22	85.00
52-562-784-0*	black	.020"	0-10-0	0.0005"	1-1/2"	1-7/16"	136.22	85.00



52-560-060-0

Extra Points



Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-560-060-0*	white/red	0.020" 0.7mm	0-10-0 0-0.25-0	0.0005" 0.01mm	1"	1-1/2"	\$104.46	\$70.00

Magnetic Bases

- 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	\$52.86	\$36.00
52-585-010-0*	Magnetic base w/fine adjustment	62.16	40.00

Universal Magnetic Base

- Base width 1-1/2", Base height 1", Overall height 4-7/8", 25 lb. pull
- Locking screw and 2 universal ball sockets for setting at any angle or position
- Microfine adjustment screw
- Removable extension arm 3 - 9/16"
- Use with or without arm
- Dovetail form holder with locking control to hold dovetail test indicators
- Accepts 0.250" diameter test indicator stems
- Base finished in wrinkled enamel



Order No. 52-585-000-0*

Sale \$28.00

List \$40.94

Hydraulic Arm Magnetic Base

- All purpose magnetic base with 180 lbs. of pulling power
- Blue anodized coated post and arm
- Fine adjustment clamping rod
- Base can be mounted vertically as well as horizontally
- V-bottom base allows mounting on cylindrical surfaces

Adjusts to virtually any position!



Order No. 52-585-095-0*

Sale \$135.00

List \$209.60

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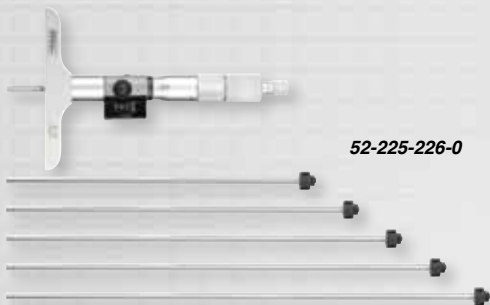


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Digit Counter Depth Micrometers

- Easy-to-read digit counter
- Microfine 0.001" graduations
- 4" base constructed of tool steel, hardened and ground
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Rod diameter: .176"
- Includes wrench and fitted case



52-225-226-0

Order No.	Range	Graduation	Base	List Price	Sale Price
52-225-176-0*	0 - 6"	0.001"	2.5"	\$197.64	\$155.00
52-225-226-0*	0 - 6"	0.001"	4"	204.39	160.00

X-DEPTH 22 0 - 22" Electronic Depth Gage



- 0 - 1" travel electronic indicator
- Zero reset at any position
- On/off button
- Relative/absolute measuring
- Bottom surface of the base is hardened, ground & lapped
- Full 22" range
- Resolution .0005"/.01mm
- Hold feature
- 4" Base
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long

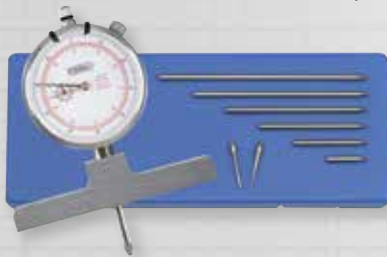
Order No. 54-125-777-0*

Sale \$205.00

List \$271.07



X-DEPTH 22 0 - 22"/558mm Depth Gage Inch & Metric Reading



- 0 - 1"/0 - 25mm travel indicator
- 0.001"/0.01mm graduations
- Rods connect together for full 22"/558mm capacity
- Satin chrome finish
- Base size: 4"
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long

Order No. 52-125-008-0*

Sale \$180.00

List \$219.30



Internal & External Electronic Caliper Gages



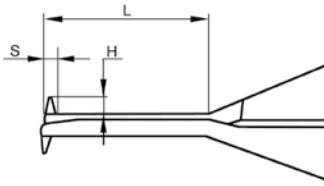
54-554-611-0

- Rugged housing
- Large, LCD display
- Resolution: 0.0002"/0.005mm
- Accuracy: $\pm 0.0008"/\pm 0.02\text{mm}$



54-554-711-0

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



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

Internal Caliper Gages

Order No.	Range	List Price	Sale Price
54-554-611-0*	0.200" - 0.590"/5 - 15mm	\$191.79	\$174.00
54-554-622-0*	0.200" - 1"/5 - 25mm	205.74	157.00
54-554-623-0*	0.400" - 1.2"/10 - 30mm	215.30	167.00
54-554-624-0*	0.790" - 1.6"/20 - 40mm	215.30	167.00
54-554-625-0*	1.2" - 2"/30 - 50mm	215.30	167.00

External Caliper Gages

Order No.	Range	List Price	Sale Price
54-554-711-0*	0 - 0.400"/0 - 10mm	\$191.79	\$174.00
54-554-722-0*	0 - 0.790"/0 - 20mm	205.74	157.00
54-554-723-0*	0.4" - 1.2"/10 - 30mm	215.30	167.00
54-554-724-0*	0.790" - 1.6"/20 - 40mm	215.30	167.00
54-554-725-0*	1.2" - 2"/30 - 50mm	215.30	167.00

XTRA-VALUE Internal & External Electronic Caliper Gages



54-554-630-0

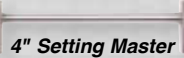
Check us out!
 You Tube
 FowlerVid

INCH • METRIC • FRACTION™

- Robust housing
- Large LCD display
- Reading: 0.01"/0.1mm/1/64ths
- Accuracy: 0.01"/0.3mm/1/64ths
- Battery: CR2032
- Spring loaded with locking nut



54-554-730-0



Order No.	Description	Range	List Price	Sale Price
54-554-630-0*	Outside Caliper Gage	0 - 6"/0 - 150mm	\$52.29	\$33.00
54-554-730-0*	Inside Caliper Gage	0.5 - 6"/12.7 - 150mm	52.29	33.00
Set				
54-554-650-0*	Inside/Outside Caliper Gage Set includes 4" internal setting master		\$91.80	\$62.00

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Z-HEIGHT ABS PLUS+

Electronic Height Gages

- **NEW** True ABS measuring system
- Supplied with a NIST certified test block (1" x 2" x 3")
- Supplied with mini USB data cable
- Heavy duty single column design
- Carbide scriber
- Ground and lapped base for smooth movement
- Steel rack with large hand wheel for coarse and fine adjustment
- Positive locking level for scriber
- Can be used with wireless transmitter (54-115-100-0)



Order No.	Range	Accuracy	List Price	Sale Price
54-175-012-1*	NEW 12"/300mm	± 0.0016"/0.04mm	\$601.78	\$530.00
54-175-018-1*	NEW 18"/500mm	± 0.002"/0.05mm	708.90	625.00
54-175-024-1*	NEW 24"/600mm	± 0.002"/0.05mm	813.96	710.00
Accessory				
54-115-100-0*	Wireless transmitter		\$110.76	\$95.00



54-175-012-1

Z-HEIGHT

Electronic Height Gages

New Design!

- **NEW** base design with painted enamel finish has a more comfortable grip and is finely ground and lapped for smooth movement on surface plates
- **NEW** fine adjust feature allows precise adjustment to required settings
- **NEW** preset feature allows setting pre-determined or reference measurements
- **NEW** 2 indicator holding bars included (3/8" and 8mm)
- Direct inch/metric conversion
- Resolution 0.0005"/0.01mm
- Floating zero
- Large, high contrast LCD display
- Coarse adjustment hand wheel
- Carriage locking lever
- Carbide tipped scriber



Order No.	Range	Accuracy	List Price	Sale Price
54-175-012-0*	NEW 12"/300mm	± 0.0016"/0.04mm	\$524.56	\$400.00
54-175-018-0*	NEW 18"/500mm	± 0.002"/0.05mm	611.57	465.00
54-175-024-0*	NEW 24"/600mm	± 0.002"/0.05mm	688.39	525.00



54-175-024-0

Twin Beam Electronic Height Gages with Offset Scriber

- Carriage design with offset scriber holder
- Base is ground and lapped for flatness
- Handwheel provides coarse 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

Optional contact sensor can be used to indicate when measuring contact is made between the gage and another conductive surface



Contact sensor may be used with any height gage on pages 42 and 43

Order No.	Range	Accuracy	List Price	Sale Price
54-174-212-3*	12"/300mm	± 0.0016"/0.04mm	\$494.19	\$425.00
54-174-224-3*	24"/600mm	± 0.002"/0.05mm	691.87	595.00
Accessory				
54-174-226-0*	Contact sensor		\$21.85	\$18.00



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 taken on indicator are 0.001"
- Dual chrome plated beams
- Carbide-tipped scriber
- Base is hardened, ground & lapped for maximum flatness
- Accuracy: 12" - ± 0.0015"
24" - ± 0.002"



52-174-212-0

Order No.	Range	List Price	Sale Price
52-174-212-0*	12"	\$296.51	\$225.00
52-174-224-0*	24"	494.19	415.00

Electronic Height Gage

An economical height gage that offers high quality, accuracy and durability.

- Large base for easy movement
- Resolution: 0.0005"/.01mm
- Accuracy: ± 0.0025"
- Repeatability: 0.0005"/0.01mm (±2s)
- Large easy to read LCD
- Overall height: 28"
- Presetable display



Order No.	Range	List Price	Sale Price
54-106-020-0*	20"/500mm	\$426.18	\$265.00
54-106-040-0*	40"/1000mm	1560.70	1100.00

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Digi Level PLUS+

- Super large 18mm backlit display
- Includes a 6" straight edge with beveled edge and 1/64th graduations
- Smart wireless model available
- V's on top and bottom for measuring on cylindrical surfaces
- Embedded magnets on bottom base for vertical and horizontal hold
- IP65 protection
- Rechargeable battery
- USB charging cable supplied
- Auto inverting display



54-422-550-0



Vertical Positioning



Horizontal Positioning

Order No.	Description	List Price	Sale Price
54-422-550-0*	Digi-Level PLUS	\$125.51	\$110.00
54-422-550-BT*	Digi-Level PLUS with Bluetooth	141.88	125.00

mini-MAG Protractor™

The mini-MAG Protractor provides instant 360° digital inclination display of any angle with the additional unique feature of embedded magnets on both sides and the bottom which make it ideal for a variety of measurements.

- Embedded magnets with 3.5lb. pull
- Repeatability: 0.05°
- Uses standard 9V battery (250 hrs.)
- Dimensions: 2.375" x 1.375" x 2.375"
- Measuring range: 360° (4 x 90°)
- Hold feature
- Display automatically inverts
- Resolution: 0.05°
- Accuracy: ± 0.2°



Display inverts for easy reading!



54-422-460-0

- On/off, tilt %, light, zero functions
- Display is backlit for low light areas



54-422-450-1

Order No.	Description	List Price	Sale Price
54-422-450-1*	mini-MAG protractor	\$105.72	\$60.00
54-422-460-0*	NEW mini-MAG II protractor	111.18	65.00

mini-MAG PLUS

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

- 6 month battery life
- Accuracy: ± 0.2°
- Auto off after 5 minutes
- Repeatability: 0.05°
- Embedded magnets
- Hold feature
- Measuring range: 360° (4 x 90°)
- Zero function
- Display automatically inverts
- Smaller size: 2.12" x 2.12" x .9"
- Resolution: 0.05°



Order No. 54-422-500-0*

Sale \$75.00

List \$116.89

Dial Bore Gage Sets with Carbide Anvils

Industry's two most popular bore gage ranges combined in one set!

Carbide Anvils

- Easy-to-read
- Insulated grip
- Chrome plated handle
- 9.5" depth



52-646-300-0



XTENDER



52-646-400-0



Order No.	Range	Graduation	List Price	Sale Price
52-646-100-0*	0.7 - 1.5"	0.0005"	\$156.63	\$115.00
52-646-300-0*	2 - 6"	0.0005"	129.42	110.00
52-646-400-0*	1.4 - 6"	0.0005"	196.75	140.00
52-646-500-0*	1.4 - 6"	0.0001"	246.55	180.00
52-646-220-0*	35 - 60mm	0.01mm	217.41	140.00
Extensions				
52-646-450-0*	20" depth extension		\$84.89	\$75.00
52-646-475-0*	40" depth extension		106.12	95.00

XTENDER

Electronic Bore Gage Set with Carbide Anvils

Industry's 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.



Bore Gage features:

- Range: 1.4"-6"/35mm-150mm
- Carbide anvils
- Self-centering

Indicator features:

- Bar graph and numeric digital display
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR

"Excellent quality, well built."

Lee C.



Order No.	Range	Resolution	List Price	Sale Price
54-646-401-0*	1.4 - 6"/35 - 150mm	0.00005"/0.001mm	\$339.94	\$255.00
Extensions				
52-646-450-0*	20" depth extension		\$84.89	\$75.00
52-646-475-0*	40" depth extension		106.12	95.00

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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 (53-646-000-1 - Inch Model)

- Base anvil: 3.950" x 1.050"
- Adjustable anvil 2.375" x .375" (two each)
- Internal capacity: 6"/150mm
- Depth capacity: 1"/25mm
- Centralizer capacity width: 2.750"
- Quick-release holder for fast adjustment
- **Can also be used for external setting, depending on application (external mics, snap gages, caliper gages)**

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

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



53-646-000-1

Order No.	Description	List Price	Sale Price
53-646-000-1*	Inch Bore Gage Setting Master Kit	\$315.68	\$225.00
53-646-005-0*	Bore Gage Setting Master Kit - without Gage Blocks	182.07	160.00

SHOP-BLOX®

Economy Rectangular Gage Block Sets



53-672-081-0

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

M.L.L



- 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 Economy Rectangular Gage Block Set	\$321.68	\$215.00
53-672-081-0*	81 piece Economy Rectangular Gage Block Set	550.18	395.00

QUICK CHECK *Multi-Function Check Standard*



- Accuracy of indicated values $\pm 0.003\text{mm}$
- One compact, multi-function, precise standard
- Can be used to check and verify a multitude of measuring instruments
- Check height gages, calipers, micrometers, depth gages, bore gages, test and dial indicators, caliper gages, protractors, and more ...
- Supplied with a manufacturer's test certificate and fitted wood case
- All sizes marked are actual

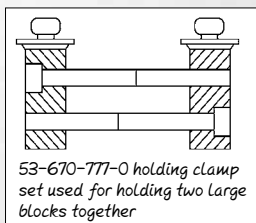
Order No. 53-813-015-0

Sale \$1320.⁰⁰

List \$1677.49

Long Rectangular Gage Blocks

- Fowler's long gage blocks are rectangular in shape, Grade \O and supplied with an NIST certificate
- Stackable using holding clamps



Order No.	Description	List Price	Sale Price
53-675-216-0*	5" Gage Block	\$179.96	\$145.00
53-675-218-0*	6" Gage Block	218.51	180.00
53-675-220-0*	7" Gage Block	250.72	205.00
53-675-222-0*	8" Gage Block	282.81	230.00
53-675-224-0*	10" Gage Block	321.36	270.00
53-675-226-0*	12" Gage Block	340.64	290.00
53-675-228-0*	16" Gage Block	398.46	330.00
53-675-230-0*	20" Gage Block	507.78	425.00
53-670-008-0*	8 piece Gage Block Set	1572.50	1415.00
53-670-777-0*	Holding Clamp for two large blocks	103.58	75.00

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HIGH Accuracy Z-Axis Detectors

NEW!



54-188-140-0

For use in CNC Machines and other applications where high accuracy is required!

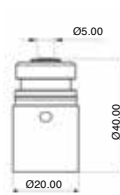


Micro Drill Application

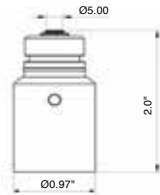


- High accuracy and repeatability, $\pm 0.000039"/0.001\text{mm}$
- IP67 protection
- Carbide touch surface (0.196"/5mm)
- High precision bearing guide system for long life
- Interchangeable magnetic base
- High visibility LED indicator
- Movement stroke 0.078"/2mm
- Trigger force: 54-188-140-0, 1.0N (3.6 oz./100g)
54-188-150-0, 0.5N (1.8 oz./50g)
- Operation temperature +5°C to 50°C (40°F to 120°F)
- Uses 2, 1.5V batteries (SR44 or LR44)
- Battery life approximately 250 hours (on time)

54-188-140-0



54-188-150-0



Order No.	Model	Dimensions	List Price	Sale Price
54-188-140-0*	Metric	Height: 1.57"/40mm, Dia. 0.78"/20mm	\$265.00	\$240.00
54-188-150-0*	Inch	Height: 2"/50.8mm, Dia. 0.97"/24.638mm	265.00	240.00

COAX-2D 2 Dimensional Coaxial Indicator Set - Inch

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.

- Indicator assembly with 1.6" (42.5mm) diameter dial
- Graduations and revolution counter 0.0005" (.01mm)
- 3 Internal and 3 External feelers
- Center point feeler
- Restraining arm

Specifications:

- Length: 6-7/8" (175mm)
- Shank: 3/8" dia. x 7/8" (10mm x 20mm) long
- Feeler ball: 1/8" (3mm) dia.
- Dial readings: 0-50
- Measuring range: 0.250" (6mm) axis offset
- Speed—recommended not to exceed approx. 800 RPM
- Repeatability to within 0.0002" (0.005mm) of true center
- Capacity depends on feelers installed, but overall range is 5/32-12" (4-300mm) internal diameter; 0-12" (0-300mm) external diameter



Order No. 52-710-025-0*

Sale \$190.00

List \$253.62

Electronic Edge Finders

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



54-575-600-0



54-575-625-0



54-575-650-0

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

Order No.	Stylus	Shank	Audible	Battery	List Price	Sale Price
54-575-600-0	0.200"	1/2"	NO	12 volt	\$37.54	\$32.00
54-575-625-0	0.200"	1/2"	NO	12 volt	138.52	115.00
54-575-650-0	0.400"	3/4"	YES	12 volt	138.52	115.00

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"	\$35.66	\$28.50
52-500-055-0	Carbide Refill		10.92	9.50

Rules

EZ-Read Black Face Rules

- Hardened stainless steel
- White easy-to-read microfine graduations against a black, non-glare finish



52-297-006-0



52-330-006-0

Satin Chrome Rules

- Tempered steel
- Non-glare
- Sharp, easy-to-read microfine graduations



GRADUATIONS	
4R: 8ths, 16ths, 32nds, 64ths	
16R: 32nds, 64ths, 50ths, 100ths	

RIGID STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
52-330-006-0	Satin Chrome	6"	4R	\$14.46	\$12.50
52-337-006-0	Black	6"	4R	11.55	10.50
52-330-012-0	Satin Chrome	12"	4R	24.77	22.00
52-337-012-0	Black	12"	4R	22.27	19.00
52-350-006-0	Satin Chrome	6"	16R	12.17	10.50
52-338-006-0	Black	6"	16R	11.55	10.50
52-350-012-0	Satin Chrome	12"	16R	24.61	20.00
52-338-012-0	Black	12"	16R	19.67	15.50

FLEXIBLE STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
52-295-006-0	Satin Chrome	6"	4R	\$11.99	\$10.50
52-297-006-0	Black	6"	4R	10.82	9.50
52-295-012-0	Satin Chrome	12"	4R	21.65	19.00
52-297-012-0	Black	12"	4R	17.48	15.50
52-308-006-0	Black	6"	16R	10.51	9.50
52-310-006-0	Satin Chrome	6"	16R	12.38	10.50
52-308-012-0	Black	12"	16R	17.48	15.50
52-310-012-0	Satin Chrome	12"	16R	21.95	20.00

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



52-439-234-0

- 23 holes for easy clamping
- 52-439-001-0 features one hole only
- Sold in pairs
- Hardened 56 - 60 HRC
- Useful in layout & grinding work

Order No.	Description	Accuracy	List Price	Sale Price
52-439-001-0*	1-2-3 Blocks	± 0.0002"/1"	\$145.59	\$99.00
52-439-234-0*	2-3-4 Blocks	± 0.0001"/1"	96.90	85.00
52-439-246-0*	2-4-6 Blocks	± 0.0003"/1"	224.62	130.00

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"



"You will not
go wrong buying
this product"

J.B.

Order No. 52-475-500-0

Sale \$120.00

List \$136.39

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" in length
- Height specifications relate to consistency within each pair. Absolute heights are nominal
- Hardness: 50 HRC, 6" length and 1/32" thickness
- Parallelism: ± 0.0002"
- Paired Height: ± 0.001"



Order No. 52-437-000-0

Sale \$180.00

List \$243.03

Cylindrical Squares

- 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"
- Includes handles and wood case



52-750-006-0



52-750-012-0

Order No.	Description	List Price	Sale Price
52-750-006-0*	6"	\$200.91	\$165.00
52-750-012-0*	12"	286.94	240.00

Tool Presetter

Quick checking of heights and diameters (radius) of all kinds of tools such as ISO, BT, HSK, VDI4 etc. is guaranteed by a fixed precise steel measuring column with displacement devices in coordinates (X/Z) and constant measuring force.

Tool Holding Spindle

Tool presetter is supplied with high precision imported ball cage bearing (Grade 0).

High precision spindle has:

- Less than 2 μm concentricity error



Display

- MIN/MAX function
- 2 reference indications
- Measuring value display
- Function for PRESET value and TOLERANCE value inputs
- Tolerance mode indication
- Measuring unit (MM/INCH) indication
- Low battery warning indication
- Display hold
- Output - OPTO RS232 for each axis
- Floating zero function
- Carbide measuring insert
- Accepts measuring probes with 8mm shank

Additional Features

- Counter balanced measuring carriage
- Constant measuring force of horizontal measuring arm ensures high accuracy
- High precision Sylvac measuring system



NEW!

Applications



Height Measurement



Diameter/Radius Measurements



Checking of a Runout

Order No.	Description	List Price	Sale Price
54-188-300-0	Tool Presetter	\$9950.00	\$9450.00
54-121-000-0	ISO 50/45 Tool Pot Adaptor	1120.00	
54-121-005-0	ISO 50/40 Tool Pot Adaptor	615.00	
54-121-010-0	ISO 50/35 Tool Pot Adaptor	1120.00	
54-121-015-0	ISO 50/30 Tool Pot Adaptor	870.00	
54-188-333-0	ISO 50 Setting Gage	500.00	
54-188-335-0	ISO 40 Setting Gage	450.00	

***IMPORTANT:** Due to recent tariff increases, prices maybe subject to change.
Prices & Specifications are subject to change without notice.





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