

Fowler®
HIGH PRECISION



Over 100 NEW items!



TOOL-A-THON

Vol. 17.2

Valid May 1st - August 31st

Visit us at www.fowlerprecision.com

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.



54-191-440-0

- Measuring ranges 400mm, 700mm and 1100mm
- Extremely easy to use
- "Black mask" display with user friendly functions
- Electronically adjustable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries
- Vast range of accessories
- All adjustments possible without tools
- Cast iron base for optimal stability
- RS-232 and USB interfaces requires 54-192-112-0 cable
- Air cushion (V4 and V5 Only)
- 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
- Accessory measuring probes up to 340mm in length available and provide excellent repeatability
- 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
- 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	\$4366.62	\$4015.00
54-192-370-0	V3 Height Gage	28"/711mm	4814.40	4428.00
54-191-440-0	V4 Height Gage	16"/407mm	5751.78	5290.00
54-191-470-0	V4 Height Gage	28"/711mm	6691.20	6155.00
54-199-540-0	V5 Height Gage	16"/407mm	6339.30	5673.00
54-199-570-0	V5 Height Gage	28"/711mm	7512.30	6723.00
54-199-590-0	V5 Height Gage	43"/1100mm	11620.86	10400.00
Probe Sets				
54-199-105-0	4mm Probe Set, 21 piece		\$1679.94	\$1595.00
54-199-106-0	8mm Probe Set, 16 piece		1253.58	1190.00
54-199-107-0	Economy Probe Set, 7 piece		445.00	420.00

Fowler-Trimos Height Gage Probe Sets

4mm Probe Set

- Case
54-199-502-0 Disc-shaped insert \varnothing 7.7mm
Disc-shaped insert \varnothing 11.5mm
54-199-503-0 Corner insert 1mm
54-194-948-0 Measuring insert holder for: M2.5, M1.6, M1.4
54-199-507-0 Insert holder L=80mm M2.5
54-199-508-0 Insert holder 90° L=80mm \varnothing 4mm
54-199-512-0 Measuring insert holder \varnothing 1mm
54-199-509-0 Ruby Ball Probe \varnothing 2mm
Ball Probe \varnothing 1mm
54-199-510-0 Knife-edged measuring probe L=88mm
54-199-019-0 Holder with reduction 8mm/4mm
54-194-935-0 Swivel holder \varnothing 4/ \varnothing 8mm
- Hemispheric probe
Probe with pin (plus 4 additional pins)
Test indicator tip \varnothing 1mm
Test indicator tip \varnothing 2mm
Test indicator tip \varnothing 3mm
Key for ball insert
Hex wrench 1.5mm
Hex wrench 2.5mm



54-199-105-0

8mm Probe Set

- Case
54-194-910-0 Carbide Ball Probe \varnothing 4mm L 140mm
54-194-906-0 Carbide Ball Probe \varnothing 2mm
54-194-912-0 Carbide Probe with pin \varnothing 1.5mm
54-194-938-0 Swivel holder 90° \varnothing 4mm
54-194-942-0 Measuring insert holder \varnothing 2mm
54-194-930-0,931-0 Insert holder (metric) M2.5
54-199-505-0 Insert holder L=124mm M2.5
Insert holder L=200mm M2.5
Hemispheric probe tip
Disc-shaped insert \varnothing 18mm
Test indicator tip \varnothing 1mm
Test indicator tip \varnothing 2mm
Test indicator tip \varnothing 3mm
Key for ball tip
Hex wrench 2.5mm



54-199-106-0

Economy Probe Set

- Case
54-199-503-0 Corner insert 1mm
54-199-504-0 Measuring insert M2.5 with ball contact
54-199-506-0 80mm extension M2.5, \varnothing 4mm
54-199-515-0 Hex wrench 2.5mm
54-194-906-0 Carbide ball probe \varnothing 2mm
54-194-942-0 Measuring insert holder \varnothing 2mm
54-194-938-0 Measuring insert holder 90°, \varnothing 4mm, L= 65mm



54-199-107-0

12"/300mm Probe Holder



54-199-400-0

Order No.	Description	List Price	Sale Price
54-199-105-0	4mm Probe Set, 21 piece	\$1679.94	\$1595.00
54-199-106-0	8mm Probe Set, 16 piece	1253.58	1190.00
54-199-107-0	Economy Probe Set, 7 piece	445.00	420.00
54-199-400-0	12"/300mm Holder — for 8mm probes	940.34	890.00

Prices & Specifications are subject to change without notice.

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Hi_Cal Height Gages

- Extra low measuring force, from 0.2N
- Measurement of internal and external diameters, centerlines, heights, widths and depths
- MIN/MAX/TIR capability
- Excellent repeatability thanks to the motorized carriage
- Intuitive functions/minimizes key strokes
- Great mobility
- High reliability
- Data output USB and RS-232
- 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



Save \$500



Accessory Probe Sets



54-930-215-0



54-930-217-0

FREE Basic Probe Set
with 54-931-450-0 Hi_Cal Purchase
\$593.00 Value!

FREE 1mm Ball Probe with 6"/150mm & 12"/300mm Hi_Cal Purchase

Order No.	Range	Accuracy	List Price	Sale Price
54-931-150-0	6"/150mm	0.00013"/0.0034mm	\$4661.50	\$4160.00
54-931-300-0	12"/300mm	0.00016"/0.0042mm	5357.04	4850.00
54-931-450-0	17.5"/450mm	0.00020"/0.005mm	5608.98	5100.00
Accessories				
54-930-215-0	Full Probe Accessory Set		\$1093.95	\$975.00
54-930-217-0	Basic Probe Accessory Set		593.64	530.00

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!

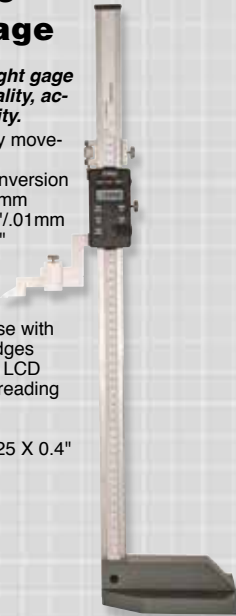
54-212-024-1

Order No.	Range	List Price	Sale Price
54-212-016-1	16"/400mm	\$1455.13	\$1225.00
54-212-024-1	24"/600mm	1812.34	1425.00
Cables			
54-115-526-0	Proximity Cable with USB Connection	\$136.07	\$122.00
54-115-527-0	Proximity Cable with Serial Connection	136.07	122.00

Electronic Height Gage

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

- Large base for easy movement
- True inch/metric conversion
- Range: 0 - 20"/500mm
- Resolution: 0.0005"/.01mm
- Accuracy: ± 0.0025"
- Repeatability: 0.0005"/0.01mm (±2s)
- Deluxe wooden case with reinforced metal edges
- Large easy to read LCD
- Non-glare chrome reading surface
- Overall height: 28"
- Beam thickness: 1.25 X 0.4"
- Presetable display



Order No. 54-106-020-0

Sale \$258.00
List \$409.63

Z-HEIGHT E-Jr. Electronic Height Gage

- Direct Inch/Metric Conversion
- Range: 6"/150mm
- Accuracy: .001"
- Resolution .0005" (.01mm)
- Large, high contrast LCD display
- Hold feature
- ABS/INC Measurement
- Floating zero
- Positive lock
- Carbide scriber



Order No. 54-175-006-0

Sale \$149.00
List \$212.12

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Dial Height Gages

- Easy-to-read large 1 rev. dial
- Graduations 0.001"
- Fine-adjust for precise control
- Stainless steel construction with satin chrome finish
- Carbide-tipped scriber
- Ergonomically shaped base for ease of handling



Available in June

52-170-012-1

Order No.	Range	List Price	Sale Price
52-170-006-1	6"	\$99.00	\$85.00
52-170-012-1	12"	129.00	110.00

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.



52-174-212-0

Accuracy	
52-174-212-0	±0.0015"
52-174-224-0	±0.002"

Order No.	Range	List Price	Sale Price
52-174-212-0	12"	\$362.36	\$295.00
52-174-224-0	24"	738.15	595.00

Height Gage Accessories

Height Gage Centering Cone Set

- Locates the hole center as the cone is inserted into a hole
- Can be adapted for use with various height gages
- Measures holes from 1/16" to 1-1/16" ID
- Bar dimensions 5/16" x 3/16"
- Includes 1 holding bar and 2 centering cones



52-565-100-0



Height Gage Probe Set



52-565-110-0



- Lets you use any M2 threaded CMM probe in your height gage
- Holder comes with 3 ruby ball CMM probes - 2mm ruby ball x 20mm length
- Bar dimensions 1/2" x 1/4"
- Can be adapted for use with various height gages

NEW!

Order No.	Description	List Price	Sale Price
52-565-100-0	NEW Centering Cone Set	\$85.00	\$75.00
52-565-105-0	NEW Centering Cone Set - 8mm mounting shaft, for use with Hi_Gage One	85.00	75.00
52-565-110-0	NEW CMM Probe Set	100.00	90.00

QUICK CHECK *Multi-Function Check Standard*



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

Order No. 53-813-015-0

Sale \$1320.⁰⁰

List \$1612.35

Setting Master

Fowler's Setting Masters are quick, easy and extremely accurate. Each comes with a manufacturer's certificate of calibration and a wood case. Save time and money by calibrating your own measuring tools.

- Horizontal and vertical use
- Used for the calibration of height gages and calipers
- Scale on one side reads: 0.5", 2", 4", 6", 8", 10" and 12" for inside caliper measurements
- Scale on side reads: 1", 2", 4", 6", 8", 10" and 12" for height gage and caliper checking
- Accuracy: $\pm 0.0002"$



Order No. 53-813-010-0

Sale \$1250.⁰⁰

List \$1535.56



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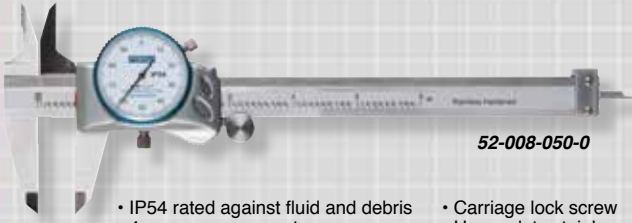
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Dial Cal *Plus*



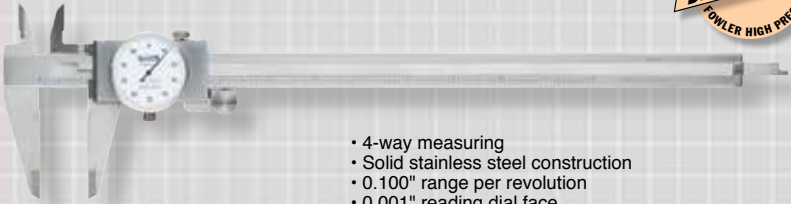
52-008-050-0

- IP54 rated against fluid and debris
- 4-way measurement
- 0.100" per revolution
- Thumbroll for fine adjustment
- Carriage lock screw
- Heavy duty stainless steel frame - 4mm thick
- Adjustable bezel with lock



Order No.	Description	Accuracy	Graduation	List Price	Sale Price
52-008-050-0	0 - 6" - White-face	± 0.001"	0.001"	\$120.82	\$99.00
52-008-051-0	0 - 6" - Black-face	± 0.001"	0.001"	120.82	99.00
52-008-052-0	0 - 150mm - White-face	± 0.03mm	0.02mm	120.82	99.00

0-12" Machinist Grade Dial Caliper



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

Order No. 52-008-712-0

Sale \$99.00

List \$126.70



0-6" Dial Calipers



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

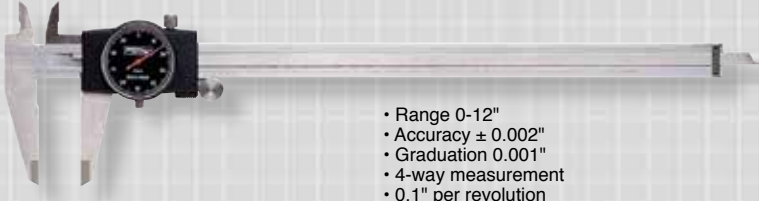
Order No. 52-008-005-0

Sale \$50.45

List \$91.50



One-Rev Dial Calipers



- Range 0-12"
- Accuracy ± 0.002 "
- Graduation 0.001"
- 4-way measurement
- 0.1" per revolution
- Covered rack
- Thumbroll, carriage lock and adjustable bezel
- Hardened stainless steel

Order No. 52-008-013-0

Sale \$85.⁹⁵

List \$176.92

24" Extended Range Dial Caliper



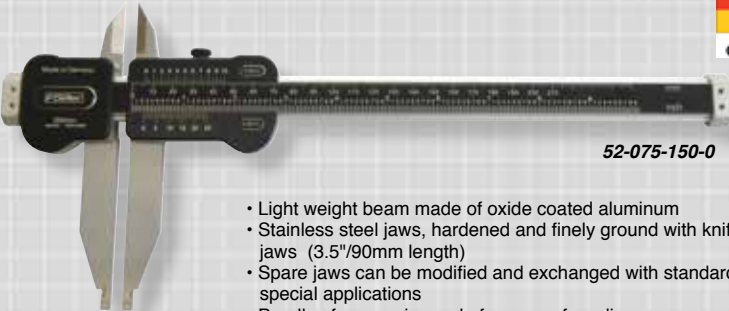
- Graduations: 0.001"
- Stainless steel construction
- Satin chrome finish
- Depth rod
- Jaw depth 3.375"
- 0.500" internal measuring nibs

Order No. 52-008-024-0

Sale \$232.⁰⁰

List \$305.41

Light Line Vernier Calipers



52-075-150-0

- Light weight beam made of oxide coated aluminum
- Stainless steel jaws, hardened and finely ground with knife edge top jaws (3.5"/90mm length)
- Spare jaws can be modified and exchanged with standard jaws for special applications
- Parallax free vernier scale for ease of reading
- High contrast white numbering on black anodized frame
- Inch and metric graduations (0.001"/0.05mm)

Order No.	Description	Accuracy	List Price	Sale Price
52-075-018-0	19"/500mm	0.001"/0.03mm	\$367.20	\$320.00
52-075-035-0	35"/900mm	0.0015"/0.04mm	663.00	585.00
52-075-150-0	6"/150mm - Replacement Jaws		102.00	95.00

Prices & Specifications are subject to change without notice.

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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.



Features

- Built-in Bluetooth
- New reinforced frame
- XXL display with 0.79"/20mm high digits
- Increased accuracy
- Lengthened jaws 7.9"/200mm
- 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

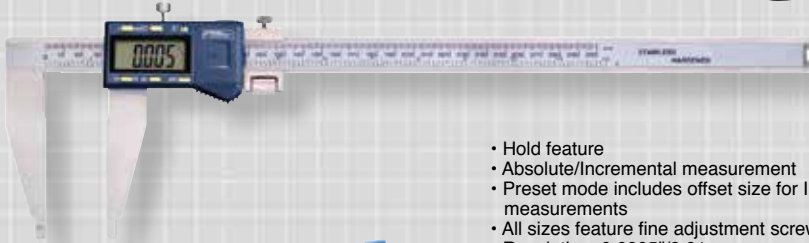


Alternative jaws available, contact the Fowler Technical Department for more information 1-800-788-2353

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.	Description	List Price	Sale Price
54-110-512-0	0-15"/0-400mm Ultralight IV	\$2021.00	\$1810.00
54-110-524-0	0-24"/0-600mm Ultralight IV	2359.00	2060.00
54-110-540-0	0-40"/0-1000mm Ultralight IV	2715.00	2325.00
54-110-560-0	0-60"/0-1500mm Ultralight IV	4082.00	3585.00
54-110-580-0	0-80"/0-2000mm Ultralight IV	5624.00	5030.00
54-110-600-0	0-100"/0-2500mm Ultralight IV- <i>special order</i>	6796.00	6080.00
Cables			
54-115-526-0	Proximity USB Cable	\$136.07	\$122.00
54-115-527-0	Proximity Serial Cable	136.07	122.00
54-115-246-BT	USB Bluetooth Receiver	47.33	42.60

XTRA-RANGE[®] Electronic Calipers



- Hold feature
- Absolute/Incremental measurement
- Preset mode includes offset size for ID measurements
- All sizes feature fine adjustment screw
- Resolution: 0.0005"/0.01mm



Shop-Hardened Case!

Order No.	Range	Jaw Depth	Accuracy	List Price	Sale Price
54-100-024-1	0 - 24"/600mm Caliper	4"	0.003"/.08mm	\$305.41	\$223.00
54-100-042-1	0 - 40"/1000mm Caliper	4.9"	0.004"/10mm	1254.20	695.00

Light Line Electronic Calipers



54-112-012-0



- Light weight beam made of oxide coated aluminum
- Stainless steel jaws, jaws are adjustable and exchangeable
- Spare jaws can be modified and exchanged with standard jaws for special applications
- Both jaws are moveable to any position on the main beam
- Electronics feature on/off, floating zero and direct in/mm conversion
- 0.0005"/.01mm resolution and repeatability
- Includes a fitted case, instructions and test certificate.
- Replacement jaws available

Order No.	Range	Accuracy	List Price	Sale Price
54-112-012-0	0 - 12"/300mm	0.0015"/0.04mm	\$300.90	\$270.00
54-112-030-0	0 - 31"/800mm	0.002"/0.06mm	693.60	625.00
52-075-150-0	6" Replacement Jaws		102.00	95.00

Prices & Specifications are subject to change without notice.



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Bluetooth Ultra-Cal VI Electronic Calipers



54-100-167-0

NEW!

LIFETIME WARRANTY

- New Design
- IP67 rated
- Available with or without Bluetooth

- Heavy duty frame
- Extra large display



Order No.	Description	Accuracy	Resolution	List Price	Sale Price
Bluetooth					
54-100-167-0	NEW 6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$330.99	\$290.00
54-100-168-0	NEW 8"/200mm	0.0012"/30µm	0.0005"/0.01mm	614.65	465.00
54-100-169-0	NEW 12"/300mm	0.0012"/30µm	0.0005"/0.01mm	819.47	545.00
Without Bluetooth					
54-100-177-0	NEW 6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$115.00	\$109.00
54-100-178-0	NEW 8"/200mm	0.0012"/30µm	0.0005"/0.01mm	235.00	223.00
54-100-179-0	NEW 12"/300mm	0.0012"/30µm	0.0005"/0.01mm	315.00	295.00
Connectivity Kit					
54-115-246-BT	USB bluetooth receiver			\$47.33	\$42.60

Ultra-Cal V Electronic Calipers



54-100-067-1

Buy 5, Get 1 FREE!

LIFETIME WARRANTY


- 4-way measurement, inside, outside, depth and step. (6" & 8" models)
- Hardened stainless steel construction
- Direct RS-232 output
- Features Absolute/Relative Measuring Modes
- Thumbroll (6" model only)

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			\$992.95	\$742.50
54-100-067-1	6"/150mm	0.0008"/20µm	0.0005"/0.01mm	\$198.59	\$148.50
54-100-068-1	8"/200mm	0.0012"/30µm	0.0005"/0.01mm	472.77	352.00
54-100-069-1	12"/300mm	0.0012"/30µm	0.0005"/0.01mm	567.32	425.00
Connectivity Kits					
54-115-526-0	Proximity cable with USB connection			\$136.07	\$122.00
54-115-527-0	Proximity cable with serial connection			136.07	122.00

Micron 0.0005" Electronic Caliper

Absolute Reading!



NEW!

- Measuring range 6"/150mm
- High resolution, 0.0005"/0.001mm
- Accuracy up to 4", 0.0006"/0.015mm
- Accuracy above 4", 0.0012"/0.03mm
- Repeatability 0.00016"/0.004mm
- RS-232 output
- Heavy duty frame (3.5mm)

LIFETIME WARRANTY

IP67

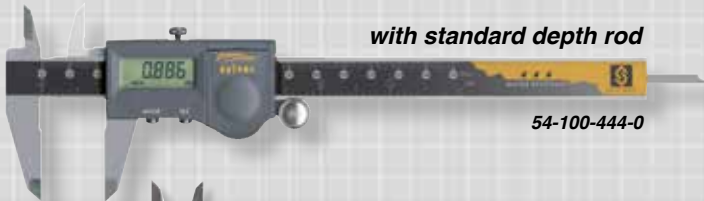


Order No. 54-100-100-0

Sale \$345.00

List \$384.54

Ultra-Cal IV Electronic Calipers



with standard depth rod

54-100-444-0



with round depth rod

54-100-440-0



Special PRICE

- Range: 0 - 6"/150mm
- 1.5mm round depth rod or standard depth rod available
- IP54 rated
- Resolution: 0.0005"/0.01mm
- Direct RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function

Order No.	Description	Accuracy	List Price	Sale Price
54-100-440-0	0 - 6"/150mm Caliper w/round depth rod	0.0008"/0.02mm	SPECIAL PRICE!	\$91.00
54-100-444-0	0 - 6"/150mm Caliper w/standard depth rod	0.0008"/0.02mm	\$138.00	118.00
Connectivity Kit				
54-115-333-0	Opto Serial Connection Kit		\$127.50	\$114.00
54-115-525-0	Opto USB Connection Kit		156.57	140.00

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XTRA-VALUE CAL Electronic Calipers



54-101-600-1



NEW Caliper Design for 54-101-150-2 Model!

NEW!



54-101-150-2

- 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
- Also available with super large display

Order No.	Range	Display Type	List Price	Sale Price
54-101-150-2	6"/150mm	Regular Display - <i>includes FREE NIST Cert.</i>	\$48.75	\$36.00
54-101-600-1	6"/150mm	Super Large Display with hold feature	60.62	44.00
54-101-200-1	8"/200mm	Regular Display	72.71	61.00
54-101-800-1	8"/200mm	Super Large Display with hold feature	90.88	67.00
54-101-300-1	12"/300mm	Regular Display	97.39	84.00

Poly-Cal[®] Electronic Caliper

Absolute Reading!



Polycarbonate Caliper Includes

- Fractional Measurement
- Easy-To-Read Display
- Lightweight frame

- Range 6"/150mm
- Resolution .0005"/.01mm (Fractions by 1/64" increments)
- Absolute/Incremental Measurement
- Direct inch/metric/fraction conversion
- 4-way measuring
- Accuracy +/- .008"
- Supplied with clip-on vinyl pouch

INCH • METRIC • FRACTION™

Order No. 54-101-175-0

Sale \$17.50

List \$26.58

EURO-CAL^{IV}® Electronic Calipers



54-100-330-1

- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- 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	\$121.14	\$89.00
54-100-331-0	8"/200mm	± 0.001"/0.02mm	143.41	105.00
54-100-332-0	12"/300mm	± 0.0015"/0.03mm	183.96	138.00

4" thru 12" Economy Digital Calipers

Absolute Reading!



54-100-000-2

- Absolute sensor technology
- Stainless steel frame
- Accuracy: 0.001"/.02mm
(4" & 6" models) 0.0015"/0.04mm (8" & 12" models)
- Resolution: 0.0005"/0.01mm

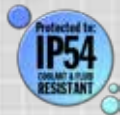
Order No.	Range	List Price	Sale Price
54-100-004-2	0 - 4"/100mm Caliper	\$101.81	\$59.85
54-100-000-2	0 - 6"/150mm Caliper	118.72	78.00
54-100-008-2	0 - 8"/200mm Caliper	139.41	107.50
54-100-112-2	0 - 12"/300mm Caliper	181.75	123.00
54-115-100-0	Wireless Transmitter	101.49	89.50

Water Resistant IP54 Electronic Calipers

Absolute Reading!



54-100-777-2



- Water resistant to IP54 specifications
- Absolute sensor technology
- Stainless steel frame
- Accuracy: 0.001"/.02mm
(6" model) 0.0015"/0.04mm (12" model)
- Resolution: 0.0005"/0.01mm

Order No.	Range	List Price	Sale Price
54-100-777-2	0 - 6"/150mm	\$133.32	\$90.50
54-100-712-2	0 - 12"/300mm	194.94	133.00
54-115-100-0	Wireless Transmitter	101.49	89.50

Prices & Specifications are subject to change without notice.

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FLIP PLUS Electronic Calipers



The Flip Display allows **RIGHT** or **LEFT** handed operation!

54-200-506-0

- Display flips 180° with display rotation function for true left handed operation
- Can also be positioned for top viewing
- Available in 6", 8" and 12" models
- 4-way measuring - OD, ID, depth and step
- Stainless steel frame
- Thumbroll for smooth measuring
- Heavy duty frame is 0.140"/3.5mm thick
- Direct inch/metric conversion
- Resolution 0.0005"/0.01mm
- Floating zero
- Includes fitted case

Left-Handed View



Top View



Order No.	Range	Accuracy	List Price	Sale Price
54-200-506-0	NEW 0 - 6"/150mm	± 0.0012"/0.03mm	\$89.95	\$85.00
54-200-508-0	NEW 0 - 8"/200mm	± 0.0012"/0.03mm	109.95	104.00
54-200-512-0	NEW 0 - 12"/300mm	± 0.0016"/0.04mm	139.95	132.50

Caliper Jaw Attachments



52-249-010-0



Caliper shown not included

- Clamps on to caliper jaws, allows attachment of standard micrometer anvils
- Used alone or in pairs
- Contacts can be mixed or offset for unique applications
- Max. caliper jaw thickness 0.135"
- Made of stainless steel

Contacts sold separately!



Order No.	Description	List Price	Sale Price
52-249-010-0	Caliper Jaw Attachment	\$40.00	\$36.00
52-249-001-0	Spline: 0.100" dia.	19.39	15.00
52-249-002-0	Knife: 0.188" x 0.031" tip, 30° taper	19.39	15.00
52-249-003-0	Super Spline: 0.050" dia.	19.39	15.00
52-249-004-0	Blade: 0.188" x 0.031"	19.39	15.00
52-249-005-0	Point: 0.020" tip, 30° taper	19.39	15.00
52-249-006-0	Disc: 0.500" dia.	23.03	18.00
52-249-007-0	Complete 7 piece Contact Set, includes 1 Ball Contact	67.90	54.00

Light-Line Digital Depth Gages



- Light weight beam made of oxide coated aluminum with double inner prismatic guide ways
- Bases made of hard anodized aluminum
- Includes three base attachments: 150/300/450mm
- Includes two contact points
- Electronics feature on/off, floating zero and direct in/mm conversion
- 0.0005"/0.01mm resolution and repeatability
- Includes a fitted case, instructions, 2 spare base screws, 2 hex wrenches and test certificate.



54-136-012-0

Order No.	Range	Accuracy	List Price	Sale Price
54-136-012-0	0 - 12"/300mm	0.0015"/0.04mm	\$469.20	\$435.00
54-136-030-0	0 - 31"/800mm	0.0024"/0.06mm	795.60	740.00

Light-Line Digital Depth Gages with adjustable base



- Light weight beam made of oxide coated aluminum
- Bases made of hard anodized aluminum
- Includes 1 base attachment 350mm (14")
- Includes two contact points (1 ball and 1 disk)
- Electronics feature on/off, floating zero and direct in/mm conversion
- 0.0005"/.01mm resolution and repeatability
- Includes fitted case, instructions, 2 base screws, hex wrench and test certificate.



54-136-512-0

Order No.	Range	Accuracy	List Price	Sale Price
54-136-512-0	0 - 12"/300mm	0.0015"/0.04mm	\$652.80	\$605.00
54-136-535-0	0 - 31"/800mm	0.0024"/0.06mm	1428.00	1330.00
54-136-621-0	21"/550mm Base		331.50	307.00
54-136-637-0	29.5"/750mm Base		489.60	455.00

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X-DEPTH 22 0-22" Depth Gage



Twice the range of competitive products!

- 0 - 1" travel indicator
- 0.001" Graduations
- Accuracy ± 0.001 "
- Rods connect together for full 22" capacity
- 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. 52-125-006-1

Sale \$135.⁰⁰

List \$184.27



X-PROOF® 0-22" Dial Depth Gage



with IP54 protection!



- 0-1" AGD Group 2 IP54 Indicator
- Sealed bezel, top cap and dial with bellows on stem
- Sealed back plate
- Accuracy ± 0.001 "
- 0.001" graduations
- 4" base ground and lapped for flatness
- Rods connect for 22" capacity
- Includes 2 extra points (spline & needle)
- Tolerance markers

Order No. 52-125-007-0

Sale \$115.⁰⁰

List \$200.25



X-DEPTH 22-E 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
- Accuracy ± 0.001 "
- Resolution .0005"/.01mm
- ABS/Incremental measuring
- 4" Base
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- Includes shop-hardened case

Order No. 54-125-777-0

Sale \$199.⁰⁰

List \$248.36

Swiss-Style Micrometers



52-229-201-0

- 0.0001" reading
- Carbide measuring faces
- Insulated frame
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications
- Includes case



52-229-214-0

Order No.	Range	List Price	Sale Price
52-229-201-0	0 - 1"	\$46.04	\$35.00
52-229-202-0	1 - 2"	53.92	41.00
52-229-203-0	2 - 3"	66.48	49.00
52-229-204-0	3 - 4"	76.32	57.00
52-229-209-0	0 - 25mm	44.78	33.00
Sets			
52-229-214-0	0 - 4" set	\$235.00	\$170.00
52-229-220-0	0 - 100mm set	235.00	170.00

Digit Counter Micrometers



52-224-001-0

- 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



52-224-103-0

Order No.	Range	List Price	Sale Price
52-224-001-0	0 - 1"	\$111.51	\$70.00
52-224-002-0	1 - 2"	117.14	75.00
52-224-003-0	2 - 3"	133.42	83.50
52-224-004-0	3 - 4"	146.76	92.00
52-224-005-0	4 - 5"	155.33	95.00
52-224-006-0	5 - 6"	162.42	99.00
Sets			
52-224-103-0	0 - 3" set	\$352.00	\$232.00
52-224-104-0	0 - 4" set	499.15	313.00
52-224-220-0	0 - 75mm set	370.63	232.00



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	\$40.78	\$35.00
52-240-101-1	0 - 1"	± 0.00015"	Ratchet	40.78	35.00
52-240-002-1	1 - 2"	± 0.00015"	Friction	47.41	41.00
52-240-102-1	1 - 2"	± 0.00015"	Ratchet	47.41	41.00
52-240-003-1	2 - 3"	± 0.0002"	Ratchet	55.41	49.00
52-240-004-1	3 - 4"	± 0.0002"	Ratchet	61.91	55.00
52-240-005-1	4 - 5"	± 0.00025"	Ratchet	68.54	61.00
52-240-006-1	5 - 6"	± 0.00025"	Ratchet	75.17	67.00
52-240-007-1	6 - 7"	± 0.0003"	Ratchet	81.68	73.00
52-240-008-1	7 - 8"	± 0.0003"	Ratchet	96.19	84.00
52-240-009-1	8 - 9"	± 0.0003"	Ratchet	109.32	98.00
52-240-010-1	9 - 10"	± 0.0003"	Ratchet	123.95	110.00
52-240-011-1	10 - 11"	± 0.00035"	Ratchet	137.09	122.00
52-240-012-1	11 - 12"	± 0.00035"	Ratchet	150.23	125.00
Sets					
52-215-003-1	0 - 3" with standards and fitted shop hardened case			\$176.50	\$114.00
52-215-004-1	0 - 4" with standards and fitted shop hardened case			226.65	157.60
52-215-006-1	0 - 6" with standards and fitted wooden case			349.23	250.00
52-215-612-1	6 - 12" with standards and fitted wooden case			719.49	435.00

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

Order No.	Range	Accuracy	Thimble	List Price	Sale Price
52-253-001-1	0 - 1"	± 0.001"	Friction	\$34.27	\$20.00
52-253-101-1	0 - 1"	± 0.001"	Ratchet	34.27	20.00

Outside 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



Order No.	Range	List Price	Sale Price
52-235-001-1	0 - 1"	\$61.91	\$42.00
52-235-002-2	1 - 2"	75.17	51.00
52-235-003-2	2 - 3"	89.57	61.50

XTRA-VALUE II Electronic Micrometers



54-870-001-0

- Resolution: 0.00005"/0.001mm
- Accuracy: ± 0.00016"/0.004mm (up to 2")
- Direct RS-232 output
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble



Order No.	Range	List Price	Sale Price
54-870-001-0	0 - 1"/0 - 25mm	\$90.88	\$65.50
54-870-002-0	1 - 2"/25 - 50mm	92.03	67.50
54-870-003-0	2 - 3"/50 - 75mm	108.11	79.50
54-870-004-0	3 - 4"/75 - 100mm	114.73	84.00

Electronic Coolant Resistant Micrometers



54-860-001-1

- Protected to IP54 specifications
- Automatic switch off
- Accuracy: ± 0.00016"/0.004mm (up to 2")
- Resolution: 0.00005"/0.001mm
- Direct RS-232 output
- Carbide measuring faces
- Absolute & incremental modes



Order No.	Range	List Price	Sale Price
54-860-001-1	0 - 1"/0 - 25mm	\$115.15	\$89.00
54-860-002-1	1 - 2"/25 - 50mm	133.32	103.00
54-860-003-1	2 - 3"/50 - 75mm	145.40	112.00
54-860-004-1	3 - 4"/75 - 100mm	169.68	131.00
54-860-103-1	0 - 3"/0 - 75mm Set	378.75	285.00

Prices & Specifications are subject to change without notice.



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Ball-Anvil Micrometers



52-244-101-1

- Microfine graduations on satin chrome
- Anvil and spindle hardened and ground; spindle thread hardened, ground and lapped
- Ratchet stop thimble for exact readings
- Accuracy: 0.00016"
- Graduation: 0.0001"

Order No.	Range	List Price	Sale Price
52-244-001-0	0 - 1" Ball Anvil	\$80.89	\$60.00
52-244-101-1	0 - 1" Ball Anvil & Ball Spindle	95.28	75.00

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
- No. 52-244-301-1 anvil is hardened and precision ground
- Spindle thread hardened, ground & lapped
- 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	\$117.14	\$99.00
52-244-202-1	1 - 2" Ball Anvil with standard	141.25	120.00
52-244-301-1	0 - 1" Ball Anvil & Spindle	124.24	105.00

Electronic IP54 Ball-Anvil Micrometers



54-860-113-0



- Measures dimensions from inside of circular holes to outside edges and obtain accurate dimensions
- Carbide measuring faces
- True inch/metric conversion
- Resolution: 0.00005"/.001mm
- Accuracy: 0.00016"/0.004mm
- Large easy-to-read LCD display



54-860-211-0

Order No.	Range	List Price	Sale Price
54-860-113-0	0 - 1"/0 - 25mm Ball Anvil & Flat Spindle	\$116.69	\$97.00
54-860-114-0	1 - 2"/25 - 50mm Ball Anvil & Flat Spindle	136.68	113.00
54-860-211-0	0 - 1"/0 - 25mm Ball Anvil & Ball Spindle	127.19	106.00
54-860-212-0	1 - 2"/25 - 50mm Ball Anvil & Ball Spindle	146.78	122.00

Inch Blade Micrometers



52-246-001-1

- Microfine graduations on satin chrome finish for easy reading
- Anvil & spindle hardened & precision ground with microlap finish on ends. Spindle thread is hardened, ground and lapped.
- Non-rotating spindle
- Ratchet thimble
- Blade thickness: 0.030"; blade width: 0.256"; blade penetration: 0.315"
- Graduation 0.0001"
- Sizes over 1" include a standard

Order No.	Range	Accuracy	List Price	Sale Price
52-246-001-1	0 - 1"	0.00016"	\$210.16	\$160.00
52-246-002-1	1 - 2"	0.00016"	228.77	170.00
52-246-003-1	2 - 3"	0.0002"	238.92	175.00
54-246-004-1	3 - 4"	0.0002"	243.45	180.00

Electronic IP54 Blade Micrometers



54-860-241-0

- Water Resistant to IP54 specifications
- True inch/metric conversion
- Accuracy: 0.00016"
- Resolution: .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	\$259.38	\$175.00
54-860-242-0	1 - 2" Blade Anvil with standard	281.76	185.00

Digit Counter Point Micrometer



Order No. 52-226-801-1

- Anvil and spindle are carbide tipped and precision ground with microlap finish on ends
- Microfine graduations 0.0001"/0.001mm on satin chrome finish for easy reading
- Spindle thread hardened, ground & lapped
- Quick, easy zero adjustment on sleeve
- The radius of the measuring points is approximately 0.012"
- Features ratchet stop
- Accuracy: 0.00016"

Sale \$140.⁰⁰

List \$213.22

Electronic Point Anvil & Spindle Micrometers



54-860-661-0

- 30° pointed anvil and spindle for measuring small grooves, keyways, small flutes and hard to reach dimensions
- Large LCD Display, 8.5mm
- Automatic switch off
- Resolution: .00005"/0.001mm
- Accuracy: 0.00016"/0.004"
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	List Price	Sale Price
54-860-661-0	0 - 1"/0 - 25mm	\$169.22	\$130.00
54-860-662-0	1 - 2"/25 - 50mm	185.13	145.00





Disc Micrometers


52-250-111-1

- Anvil and spindle are hardened and precision ground with microlap finish on measuring faces
- Positive lever locking clamp
- Quick and easy zero adjustment on sleeve
- Ratchet thimble for repeatability
- Flatness: 0.00004"
- Accuracy: 0.00016"
- Graduations: 0.0001"

Order No.	Range	List Price	Sale Price
52-250-111-1	0 - 1"	\$102.82	\$80.00
52-250-112-1	1 - 2" with standard	115.95	90.00

Digit Counter Disc Micrometers


52-250-301-1

- 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 diameter: 0.708"
- Disc edge thickness: 0.035"
- 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"	\$153.98	\$120.00
52-250-302-1	1 - 2" with standard	169.40	132.00

Electronic IP54 Disc Micrometers


54-860-301-0

- Water Resistant to IP54 specifications
- True inch/metric conversion
- Accuracy: 0.00016"
- Resolution: 0.00005"/0.001mm
- Direct RS232 output
- Friction thimble
- Large easy-to-read LCD display
- Extra large .788" disc with .035" edge thickness
- Easily enters hard-to-reach areas

Order No.	Range	List Price	Sale Price
54-860-301-0	0 - 1"/0 - 25mm	\$255.59	\$175.00
54-860-302-0	1 - 2"/25 - 50mm with standard	275.05	185.00

Multi-Anvil Micrometer



Order No. 52-252-001-0

- Friction thimble for exact, repetitive readings
- Anvil rod is .120" in diameter and 1" long
- Flat anvil thickness is .065" and 1" long
- Spindle face is carbide tipped
- Easily measures difficult to reach locations
- Accuracy: 0.00016"
- Graduation: 0.0001"
- Includes a rod and flat anvil, allen key and spanner wrench and a case

Sale \$135.00

List \$193.51

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	\$65.91	\$45.00
52-510-602-1	0 - 1"	Spherical	65.91	45.00

Micrometer, Snap Gage Checking Set

Fowler's setting master is quick, easy 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:

- Calibration certification traceable to N.I.S.T. standards
- 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 N.I.S.T. standards & provides the individual deviation of each block
- Optical flat (flatness: 0.000004" ; Parallelism: 0.00002")

Worn blocks can be easily replaced!



Order No.	Description	List Price	Sale Price
53-813-001-2	Micrometer and Snap Gage Checking Set	\$334.48	\$250.00
53-813-002-0	Mic Checker Holder <i>without</i> Blocks	167.63	145.00

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Rapid-Mic Quick-Displacement Electronic Micrometers



54-815-030-0

LIFETIME WARRANTY **WORLD'S FINEST
Micrometer!****IP67**

- Position recall
- IP67 with or without data cable.
- 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
- Carbide anvils
- Extended Range 0-30mm, 30-66mm and 66-102mm



54-815-111-0

**0-4" Range with
ONLY 3 Mics!**

Order No.	Description	Max Error	List Price	Sale Price
54-815-030-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$514.79	\$410.00
54-815-060-0	1.18" - 2.6"/30 - 66mm	0.00016"/0.004mm	761.74	695.00
54-815-100-0	2.6" - 4.0"/66 - 102mm	0.00020"/0.005mm	1065.29	945.00
BLUETOOTH MODEL				
54-815-130-0	0 - 1.18"/0 - 30mm	0.00012"/0.003mm	\$761.74	\$645.50
Set				
54-815-111-0	0 - 4"/0 - 102mm		\$2353.34	\$1995.00
Connectivity Kits				
Order No.	Description		List Price	Sale Price
54-115-526-0	Proximity cable with USB connection		\$136.07	\$122.00
54-115-527-0	Proximity cable with serial connection		136.07	122.00
54-115-246-BT	USB Bluetooth receiver		47.33	42.60

Micrometer Stands



52-247-000-0

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



52-247-005-0

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

XTRA MAG

52-247-010-0

Micrometer
not included

- 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

Order No.	Description	List Price	Sale Price
52-247-000-0	Adjustable Micrometer Stand	\$58.04	\$36.50
52-247-005-0	Folding Micrometer Stand	38.84	27.00
52-247-010-0	Magnetic Micrometer Stand	52.02	40.00

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.

SPECIAL DEAL!

FREE

Free Special
Sylvac Ultra Cal IV
with Holemike purchase!
\$138.00 Value
(features round depth rod)

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



Made in ENGLAND



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"	\$709.21	\$531.00
52-255-311-0	0.312" - 0.375"	0.00025"	0.00015"	2.28"	0.312"	656.68	492.00
52-255-312-0	0.375" - 0.500"	0.00025"	0.00015"	2.28"	0.5"	656.68	492.00
52-255-313-0	0.500" - 0.625"	0.00025"	0.00015"	2.44"	0.5"	656.68	492.00
52-255-314-0	0.625" - 0.750"	0.00025"	0.00015"	2.44"	0.75"	673.40	505.00
52-255-315-0	0.750" - 1"	0.00025"	0.00015"	2.60"	0.75"	739.60	554.00
52-255-316-0	1" - 1.375"	0.00025"	0.00015"	2.60"	1.375"	1053.76	790.00
52-255-317-0	1.375" - 2"	0.00025"	0.00015"	3.15"	1.375"	1078.96	809.00
52-255-318-0	2" - 2.625"	0.00025"	0.0002"	3.15"	2.625"	1287.04	965.00
52-255-319-0	2.625" - 3.250"	0.00025"	0.0002"	3.15"	2.625"	1298.56	973.00
52-255-320-0	3.250" - 4"	0.00025"	0.0002"	3.94"	3.25"	1620.07	1215.00

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	\$1574.88	\$980.00
52-255-665-0	0.375" - 0.750"	3 heads, 3 handles, 2 rings	1793.36	1345.00
52-255-775-0	0.750" - 2"	3 heads, 3 handles, 2 rings	2817.75	2085.00
52-255-885-0	2" - 4"	3 heads, 3 handles, 2 rings	3820.00	2865.00

Prices & Specifications are subject to change without notice.

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TOOL-A-THON VOL. 17.2



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



NEW Larger Display!
NEW Ergonomic Design!
NEW Four Presets!

BEST Results in Gage R & R Studies



TABLET!

with Complete Set Purchase!



54-567-050-BT



- Self centering heads
- USB connectivity and Bluetooth
- Fixed anvils
- Resolution: 0.00005" /0.001mm
- 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 anvil applications**

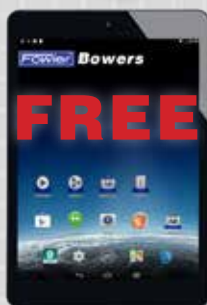
Order No.	Range	Includes	List Price	Sale Price
54-567-009-BT	0.080" - 0.250"/2 - 6mm	5 heads, 1 handle, 3 rings	\$6016.98	\$4750.00
54-567-010-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	2359.26	1845.00
54-567-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	2760.12	2185.00
54-567-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	3563.88	2870.00
54-567-100-BT	2 - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	3966.78	3210.00
54-567-105-BT	4 - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	3563.88	2870.00
54-567-110-BT	6 - 8" /150 - 200mm	2 heads, 1 handle, 1 ring	4704.24	3840.00
54-567-200-BT	4 - 8" /100 - 200mm	4 heads, 1 handle, 2 rings	7446.00	6170.00
54-567-210-BT	0.750" - 4" /20 - 100mm	6 heads, 1 handle, 4 rings	5799.72	4770.00
54-567-620-BT	0.250" - 0.750" /6 - 20mm	5 heads, 1 handle, 3 rings	3289.50	2635.00

Connectivity Kits

Order No.	Description	List Price	Sale Price
54-115-526-0	Proximity cable with USB connection	\$136.07	\$122.00
54-115-527-0	Proximity cable with serial connection	136.07	122.00
54-115-246-BT	USB bluetooth receiver	47.33	42.60



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



FREE

NEW!

TABLET!

with Complete Set Purchase!

54-367-110-BT



- Self centering 3-point heads
- USB connectivity and Bluetooth
- Fixed anvils
- Resolution: 0.00005" / 0.001mm
- Ratchet stop for consistent measurement
- Sizes over 1"/25mm offer extended travel
- Includes UKAS certificates for micrometer, heads and settings rings
- Heads with special anvils available for threads, splines, slots, etc.
- **Contact the Fowler Technical Department for special anvil applications**

Order No.	Range	Includes	List Price	Sale Price
54-367-000-BT	0.080" - 0.250"/2 - 6mm	5 heads, 1 handle, 3 rings	\$5483.52	\$4386.00
54-367-010-BT	0.250" - 0.375"/6 - 10mm	2 heads, 1 handle, 1 ring	2284.80	1825.00
54-367-020-BT	0.375" - 0.750"/10 - 20mm	3 heads, 1 handle, 2 rings	2726.46	2180.00
54-367-050-BT	0.750" - 2" /20 - 50mm	3 heads, 1 handle, 2 rings	3702.60	2960.00
54-367-100-BT	2 - 4"/50 - 100mm	3 heads, 1 handle, 2 rings	4099.38	3280.00
54-367-105-BT	4 - 6"/100 - 150mm	2 heads, 1 handle, 1 ring	3460.86	2766.00
54-367-110-BT	6 - 8"/150 - 200mm	2 heads, 1 handle, 1 ring	4571.64	3656.00
54-367-200-BT	4 - 8"/100 - 200mm	4 heads, 1 handle, 2 rings	7223.64	5778.00
Connectivity Kits				
Order No.	Description		List Price	Sale Price
54-115-526-0	Proximity cable with USB connection		\$136.07	\$122.00
54-115-527-0	Proximity cable with serial connection		136.07	122.00
54-115-246-BT	USB bluetooth receiver		47.33	42.60

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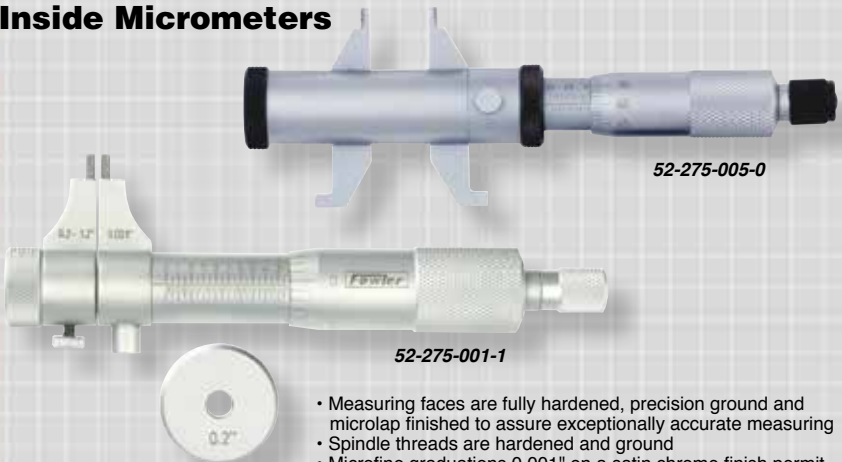


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Inside Micrometers



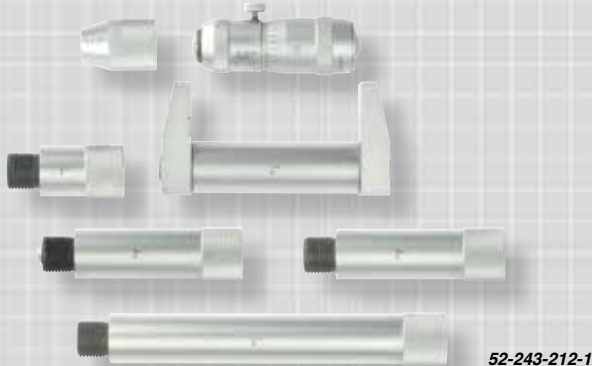
52-275-005-0

52-275-001-1

- Measuring faces are fully hardened, precision ground and microlap finished to assure exceptionally accurate measuring
- 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

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-275-001-1	0.2" - 1.2"	0.001"	0.0002"	\$111.51	\$80.00
52-275-005-0	0.2" - 2.2"	0.001"	0.0002"	188.50	155.00

Inside Micrometers



52-243-212-1

- Each set consists of an inside micrometer head and a series of fully hardened and lapped extension rods of different lengths all with carbide measuring faces
- Anvil and spindle are hardened and precision ground with microlap finish on ends
- Microfine graduations on satin chrome
- Positive locking nut on spindle
- It is recommended that the inside micrometer with a rod be calibrated by a micrometer or ring gage.
- Coiled spring pressure contact type rods are each marked with appropriate length.
- Quick, easy zero adjustment on the sleeve.
- Accuracy: $0.00005" \times (3 + L/2)$
- Graduation: 0.001"
- Includes a wrench, case and reference standard

Order No.	Range	List Price	Sale Price
52-243-026-1	2 - 6"	\$137.09	\$110.00
52-243-212-1	2 - 12"	169.30	135.00
52-243-220-1	2 - 20"	219.45	175.00
52-243-240-1	2 - 40"	580.45	480.00
52-243-480-1	4 - 80"	1223.73	1075.00
52-243-512-1	4 - 120"	2672.64	1960.00

INDI-X^{blue}

Electronic Indicators

INCH • METRIC • FRACTION™



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



54-520-250-0

Carbide-tipped point!



54-520-260-0

Order No.	Description	List Price	Sale Price
54-520-250-0	1"/25mm Indi-X Blue	\$101.69	\$69.00
54-520-260-0	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction	104.11	71.00

INDI-MAX

Electronic Indicators

- IP54 Coolant & fluid resistant
- Auto Off feature
- 2-1/4" dial face
- 3/8" stem - 4-48 thread
- Resolution 0.00005"/0.001mm
- Accuracy: 0.00016"/0.004mm (to 1")
- Tolerance indicators
- Absolute/incremental reading



54-520-310-0

Carbide-tipped points!



54-520-320-0

Order No.	Description	List Price	Sale Price
54-520-310-0	1"/25mm Indi-Max	387.70	255.00
54-520-320-0	2"/50mm Indi-Max	503.27	340.00
52-525-605-0	Lugback for 1" and 2" models	17.03	12.50
54-520-399-0	Data cable	155.96	140.00

Prices & Specifications are subject to change without notice.





Premium Dial Indicators



52-520-135-0

- Tolerance markers
- Solid steel housing
- Carbide contact point



52-520-110-2



52-520-110-1



Calibration Certificate

Part Number: 520-110-1 Tool Description: Dial Indicator
 Serial Number: 8215 Range: 1"
 Test Standard: GMI 889 Tool Resolution: .001"
 Temperature: 0°C Humidity: 50%
 Visual Inspe: Pass Function Inspection: Pass

Measurements					
Meas	Nominal	n/	Tolerance	Deviation	Pass/Fail
			.001"	0	P
			.001"	0	P
			.002"	0	P
			.002"	0	P
			.002"	0	P
			.002"	+0.001	P
	70"		.002"	+0.001	P
	80"		.002"	+0.001	P
	90"		.002"	+0.001	P
	100"		.002"	+0.001	P

Reference on: High Speed Steel
 Test Uncertainty: 0.0001"
 Calibration Date: 11/11/11
 Inspector: [Signature]
 Purchased/Kit: [Signature]
 Feature Precision: [Signature]
 Home: 2008-2011

3 year Warranty

52-520-120-0

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	\$89.30	\$65.00
52-520-110-2	1"	0.001"	0 - 100	—	White Face	89.30	65.00
52-520-105-0	0.500"	0.001"	0 - 100	0 - 50 - 0	White Face	84.47	62.00
52-520-120-0	2"	0.001"	0 - 100	0 - 50 - 0	White Face	138.16	101.50
52-520-129-0	1"	0.0005"	0 - 50	0 - 25 - 0	White Face	108.00	79.00
52-520-135-0	0.05"	0.0001"	0 - 10	0 - 5 - 0	White Face	154.75	113.50
52-520-125-0	0.250"	0.0005"	0 - 50	0 - 25 - 0	White Face	117.88	86.50
52-520-500-0	25mm	0.01mm	0 - 100	0 - 50 - 0	White Face	135.95	99.00

Dial Indicator

- AGD Group 2
- Range: 0.250"
- 0.001" graduations
- Shockproof ultra smooth gearing
- 0-100 reading
- Revolution counter
- Center lug back
- Tolerance markers
- Carbide ball contact point
- 3/8" mounting stem
- Bezel lock for easy zero setting



SPECIAL PRICE

Order No. 52-520-100-0

Sale \$35.00

List \$82.37

X-PROOF[®] IP54 Shockproof Dial Indicators

Protection Includes:

- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate

Specifications:

- Shockproof design
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point



52-520-450-0



52-520-455-0



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)	\$75.12	\$47.50
52-520-455-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	81.21	51.00

Premium IP54 Shockproof Dial Indicators

NEW!

52-520-460-0



52-520-465-0



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

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)	\$96.90	\$86.00
52-520-465-0	1"	0.001"	0 - 100	4 - 48 (3/8" stem)	96.90	86.00

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TOOL-A-THON VOL. 17.2



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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
- Water and coolant resistant
- Protection class IP54
- Repeatability: 2µm
- Output: Proximity/Power - USB/RS-232/digimatic/Wireless
- Battery life: 10,000 hours of operation
- Menu customizable with free software
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset, Auto Off, etc)
- Aluminum housing
- Bezel rotates 270°
- Large display with LED tolerance indicators
- Includes lug back



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	\$430.75	\$387.50
54-530-135-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	535.81	482.00
54-530-145-0	0 - 1"/25mm	0.0004"/0.01mm	0.0005"/0.01mm	491.64	442.00
54-530-155-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	588.34	529.50
54-530-175-0	0 - 2"/50mm	0.00019"/0.005mm	0.00005"/0.001mm	1113.64	1002.00
Bluetooth					
54-530-335-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$682.89	\$614.60
54-530-355-0	0 - 1"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	730.22	657.20
Accessories					
54-115-246-BT	USB Bluetooth Receiver			\$47.33	\$42.60
Analog Display					
54-530-535-0	0 - 0.500"/12.5mm	0.00012"/0.003mm	0.00005"/0.001mm	\$619.85	\$557.80
54-530-555-0	0 - 1.00"/25mm	0.00016"/0.004mm	0.00005"/0.001mm	677.69	608.00

Indicator Accessories

Lifting Attachment

- Mounts to indicators with 4 - 48 top spindle thread
- 1" range
- 14" extra long cable
- Also features travel lock



Indicator shown
not included

Order No. 52-520-600-0

Sale \$40.00

List \$60.67

Ruby Contact Point Set

- 6 piece set
- 2 flat contacts
- 2 convex contacts
- 1 extra long contact
- 1 ruby ball contact
- Includes threaded base



Order No. 52-525-065-0

Sale \$16.00

List \$32.77

Indicator Chucks



Indicator shown
not included



NEW!

- Low carbon steel, black oxide finished
- 0.140" - 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

Order No.	Description	List Price	Sale Price
52-526-020-0	NEW Indicator Chuck with 4 - 48 thread	\$23.00	\$20.00
52-526-021-0	NEW Indicator Chuck with M2.5 thread	23.00	20.00

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Indicator Extensions



**NOW Available with
Metric Threads!**

- 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	NEW 1", 4 - 48 thread	\$4.82	\$3.75
52-526-002-0	NEW 1-1/2", 4 - 48 thread	4.82	3.75
52-526-003-0	NEW 2", 4 - 48 thread	6.11	4.75
52-526-004-0	NEW 2-1/2", 4 - 48 thread	6.11	4.75
52-526-005-0	NEW 3", 4 - 48 thread	6.11	4.75
52-526-006-0	NEW 4", 4 - 48 thread	8.47	6.50
52-526-007-0	NEW 6", 4 - 48 thread	9.75	7.50
Metric			
52-526-011-0	NEW 1", M2.5 thread	\$6.00	\$4.50
52-526-012-0	NEW 1-1/2", M2.5 thread	7.00	5.50
52-526-013-0	NEW 2", M2.5 thread	7.00	5.50
52-526-014-0	NEW 2-1/2", M2.5 thread	7.00	5.50
52-526-015-0	NEW 3", M2.5 thread	7.00	5.50
52-526-016-0	NEW 4", M2.5 thread	8.00	6.25
52-526-017-0	NEW 6", M2.5 thread	10.00	8.00

Depth Base Attachment

- Turn your dial or electronic indicator into a depth gage (may reduce range)
- 4" length
- Fits indicators with 3/8" mounting stem
- Ground and lapped base



Order No. 52-125-004-0

Sale \$17.00

List \$39.29

2" to 6" Dial Bore Gage Set with Carbide Anvils

Carbide anvils

- Easy-to-read
- Economical
- Graduation 0.0005"
- Insulated grip
- Includes extension holder and fitted case



Order No.	Description	List Price	Sale Price
52-646-300-0	2" - 6" Dial Bore Gage Set	\$124.39	\$105.00
52-646-450-0	NEW 20" Depth Extension	81.60	73.00
52-646-475-0	NEW 40" Depth Extension	102.00	91.00

XTENDER 1.4" to 6" Dial Bore Gage Set with Carbide Anvils

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

Carbide Anvils

- Easy-to-read
- Graduation: 0.0005"
- Insulated grip
- 1.4" to 6" range
- Includes extension holder and fitted case



Order No.	Description	List Price	Sale Price
52-646-400-0	1.4" - 6" Dial Bore Gage Set	\$189.11	\$129.00
52-646-450-0	NEW 20" Depth Extension	81.60	73.00
52-646-475-0	NEW 40" Depth Extension	102.00	91.00

XTENDER Electronic 1.4" to 6" Dial Bore Gage Set

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
- Includes extension holder

Indicator Features:

- Bar graph and numeric digital display
- Resolution: 0.00005"/0.001mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR



For instructional video search
"X-tender Bore Gage" at www.youtube.com

Order No.	Description	List Price	Sale Price
54-646-401-0	1.4" - 6" Electronic Bore Gage Set	\$326.74	\$255.00
52-646-450-0	NEW 20" Depth Extension	81.60	73.00
52-646-475-0	NEW 40" Depth Extension	102.00	91.00





XTEST X-Test Indicators



NEW!

NEW Indicator Design!

- 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



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	\$127.22	\$100.00
52-562-002-0	Horizontal	0.0005"	1"	0-15-0	127.22	100.00

XTEST X-Test Indicators

TWICE the range of most indicators!

- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: 0.080"
- Range: 0.060" inch model
- Range: 1.6mm metric model



52-562-004-0



52-562-005-0

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	\$139.31	\$100.00
52-562-005-0	Vertical	0.0005"	1"	0-15-0	139.31	100.00
52-562-006-0	Vertical	0.001"	1"	0-15-0	139.31	100.00
52-562-007-0	Horizontal	0.01mm	25mm	0-40-0	127.44	100.00
52-562-008-0	Horizontal	0.01mm	38mm	0-40-0	127.44	100.00

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.



52-562-775-0



52-562-778-0



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"	\$114.00	\$75.00
52-562-778-0	black	0.030"	0-15-0	0.0005"	1"	1/2"	121.14	75.00
52-562-775-0	white	0.030"	0-15-0	0.0005"	1"	1/2"	121.14	75.00
52-562-780-0	black	0.030"	0-15-0	0.0005"	1-1/2"	1/2"	126.70	75.00

XTRA MAG

A Versatile Universal & Mag Base Combo

Mag Base:

- Microfine adjustment screw
- Dovetail mounting

Virtually unlimited positioning as a Universal Base!

Test Indicator: (52-562-778-0)

- Range: 0.030"
- Reading: 0-15-0
- Jeweled movement
- Graduation: 0.0005"
- Auto-reversing
- 0.080" diameter point

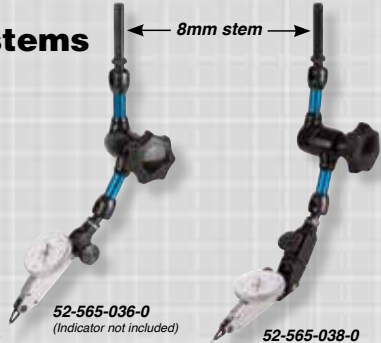


52-585-100-0

Order No.	Description	List Price	Sale Price
52-585-105-0	Xtra Mag only	\$54.90	\$35.00
52-585-100-0	Xtra Mag with Test Indicator	162.95	129.00

HOLDXTEC Holding Systems

- All accept 3/8" indicators
- All have dovetail clamps for test indicators
- HOLD-TEC can be mounted in drill chucks, collets, dial gage stands with 8mm mount diameter to make a quick transfer stand
- Adjust to any position
- Central locking system



52-565-036-0
(Indicator not included)

52-565-038-0
(Indicator not included)

Order No.	Description	List Price	Sale Price
52-565-036-0	Hold-Tec without fine adjust	\$89.52	\$60.00
52-565-038-0	Hold-Tec with fine adjust	97.29	65.00

Prices & Specifications are subject to change without notice.





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 .250" diameter test indicator stems.
- Base finished in wrinkled enamel

Order No. 52-585-000-0

Sale \$26.⁰⁰

List \$37.51

Economy Dial Gage Stand for 3/8" Indicators



- Accepts all dial indicators with 3/8" and 8mm stems
- Positive lock screw
- Capacity of 6-1/2" from working surface
- Bracket with 1/4" bolt for dial indicator is 2-1/4" from center of column
- Microfine adjustment knob for zero setting
- Microscrew fingertip control
- Ground working surface 5-1/2" x 4-1/4"

Order No. 52-580-016-0

Sale \$90.⁰⁰

List \$127.23

HOLDXTEC Magnetic Base



- Accepts 3/8" indicators
- Dovetail clamp for test indicators
- Features 2 fine adjusts making it a **6-Axis mag base**
- Mag base has 180 lb. pull with on/off switch
- Central locking system

Indicator shown not included



Features Double Fine Adjust

Order No. 52-585-085-0

Sale \$95.⁰⁰

List \$159.38

Height Transfer & Squareness Gage

Indicator and standard shown not included



- 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 square against a master for checking squareness
- Includes a 7.5" post, indicator rod and clamp

Order No. 53-620-010-0

Sale \$210.⁰⁰

List \$324.31

CHROME FLEX MAG SET[™] with Anyform Base and X-PROOF[®] Indicator



Flex Arm Anyform Mag Base:

- Corrosion resistant chrome plated flex arm
- Holds rigidly in almost any position.
- 40 lb. pull magnet
- Versatile—70 steel segments work like a contour gage to fit the mag base securely to practically any shape or form

X-Proof IP54 Indicator:

- Robust, shockproof design
- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point

Protection Includes:

- Rubber bellows on stem.
- O-ring seal on safety cap.
- O-ring protection for bezel and rotating dial
- Sealed back plate



Order No.	Set	List Price	Sale Price
52-585-245-0	White Dial	\$188.70	\$145.00
52-585-255-0	Black Dial	188.70	145.00

Magnetic Base & Black Face Indicator with Fine Adjust



Magnetic Base:

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

Indicator:

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

Order No. 52-520-199-0

Sale \$57.00

List \$72.07

Indicator & Mini Mag Set



- AGD group 1 indicator
- 0.250" range
- 0.001" graduations, 0-100 reading
- Tolerance markers
- Carbide contact point
- Mag base with fine adjust (also accepts test indicators with dovetails), base measures 1.8" x 1.2"
- On/off switch for secure holding and easy removal
- 37 lbs. of magnetic pull
- 22 piece contact point set — flat, radius, cone and spline type contacts
- Fitted aluminum case

Order No. 52-585-310-0

Sale \$85.00

List \$185.64

Magnetic Base & Dial Indicator Combo



- Includes 1" indicator and mag base, rods, swivel clamps and case.
- The 2-1/4" diameter .001" indicator features: satin chrome finish, tolerance hands, lug back and revolution counter.
- The 6" high mag base features a 1.5" x 1.5" x 1.75" 50 lb. pull base and a 4.5" long sidearm. All exposed metal is finished in anodized black for corrosion resistance.
- Includes shop-hardened case

Order No. 52-522-101-0

Sale \$69.00

List \$105.59

Fowler[®]

TOOL-A-THON VOL. 172



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



Display inverts for easy reading!

Order No. 54-422-450-1

Sale \$50.00

List \$96.87



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.

- IP54 protected against debris and fluids
- USB rechargeable battery with status light (cable included)
- 6 month battery life
- Backlit display
- Tilt % function
- Auto off after 5 minutes
- Embedded magnets
- Measuring range: 360° (4 x 90)
- Display automatically inverts
- Resolution: 0.05°
- Accuracy: ± 0.2°
- Repeatability: 0.05°
- Hold feature
- Zero function
- Smaller size: 2.12" x 2.12" x .9"
- Light weight: 2.7 oz.



Order No. 54-422-500-0

Sale \$75.00

List \$107.10

XTRA-VALUE Digi-Level

The Xtra-Value Digi-Level provides instant 360° digital inclination display of any angle. Features aluminum housing, with large LCD, reading hold, absolute 0° at sea level.

- Measuring Range: 360° (4 x 90°)
- Resolution: 0.05°
- Accuracy: ± 0.2° maximum error
- Repeatability: ± 0.05°
- Dimension: 4" L x 1" W x 3" H
- Voltage: Standard 9V Battery
- Battery Life: up to 250 hrs.
- Operating Temp: -5°C to 50°C (23°F to 122°F)
- Storage Temp: -20°C to 65°C (-4°F to 176°F)
- Weight: 1.1 lbs.



Order No. 54-422-444-0

Block not included

Sale \$100.00

List \$121.14

XTRA-VALUE 9" Electronic Level



- Measuring range: 4 x 90°
- Resolution: 0.05°
- Accuracy: ± 0.2°
- Repeatability: ± 0.05
- Standard 9 volt battery (250 hours life)
- Dimensions: 9"L x 1"W x 2-1/4"H
- Includes two-way level and plumb vials
- Reversible reading for inverted use

Order No. 54-440-600-0

Sale \$61.00

List \$72.71

Fowler Digi-Pro Electronic Protractor

The Digi-Pro electronic protractor includes embedded magnets for unique measurement areas. On/Off, Zero, Hold and Reverse feature to invert the display for easier reading in certain situations.

54-440-775-1

- Embedded 25 lb. pull magnets
- Full, 360° measuring range
- Accuracy: ± 0.2°
- Repeatability: ± 0.05°
- Resolution: 0.05°
- Invertible display feature
- Voltage: Standard 3V lithium battery



54-440-740-1

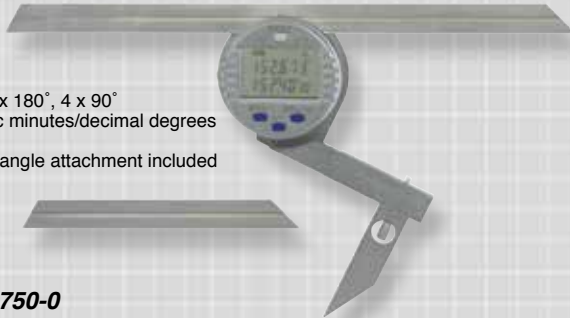


Use the Digi-Pro to make fast and accurate angular measurements!

Order No.	Description	List Price	Sale Price
54-440-740-1	4" Digi-Pro Electronic Protractor	\$88.43	\$65.00
54-440-775-1	12" Digi-Pro Electronic Protractor	106.02	80.00

Universal Electronic Protractor

- Hardened stainless steel
- Range selection: 1 x 360°, 2 x 180°, 4 x 90°
- Dual reading LCD display arc minutes/decimal degrees
- Preset function
- 6" and 12" blades and acute angle attachment included
- Fine adjustment
- Measuring range: 0-360°
- Resolution: 30 seconds
- Accuracy: ±5 minutes



Order No. 54-440-750-0

Sale \$250.00

List \$324.85

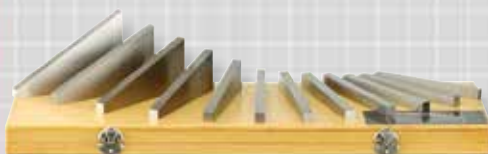
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Angle Blocks



- Each 12 block set includes 1 thru 5° blocks in 1° increments and 5° through 30° blocks in 5° increments as well as 1/4° & 1/2° blocks
- Accuracy ±30 seconds
- Use of the Solid Angle Block simplifies the setting and checking of angles during tooling, production or inspection. This fast, accurate method eliminates time consuming calculations, sine bar and any setup errors.
- All blocks precision ground
- All blocks are 3" long and 1/4" thick

Order No. 53-666-000-0

Sale \$85.00

List \$124.71

CERTIFIED SPACE-BLOX®

- 36 blocks
- Manufactured to meet Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks. Certificate of Calibration traceable to N.I.S.T.
- Tolerances to 0.00005"
- Ground, hardened and tapped
- 4 connection screws included
- Includes shop hardened fitted case



Order No. 53-680-050-0

Sale \$165.00

List \$210.35



Gage Ball Sets



52-438-766-0

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

Order No.	Description	List Price	Sale Price
52-438-766-0	52 piece Gage Ball Set	\$78.97	\$68.00
52-438-777-0	50 piece Gage Ball Set	77.51	68.00

SHOP-BLOX[®] Rectangular Gage Block Sets



- Manufactured to meet N.I.S.T. Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
- Certificate of Calibration traceable to N.I.S.T.
- Tolerances to $\pm .00005$ "
- In high-quality fitted wood case



53-672-081-0

Order No.	Description	List Price	Sale Price
53-672-036-0	36 piece Economy Rectangular Gage Block Set	\$309.19	\$211.00
53-672-081-0	81 piece Economy Rectangular Gage Block Set	528.81	360.00

Square Gage Block Sets

- Sets supplied with certificate of inspection showing deviation for each block.
- All Gage Block Sets include certification of calibration traceable to the National Institute of Standards and Technology.
- Gage Block Sets are made to special standards to resist corrosion & defacement and are coated when calibrated at the time of final inspection for protection from moisture and foreign matter.
- Grade AS1
- Includes fitted case



Order No.	Description	List Price	Sale Price
53-672-026-0	36 piece Square Gage Block Set	\$750.23	\$495.00
53-672-030-0	81 piece Square Gage Block Set	1638.62	1050.00

82 Piece Carbide Rectangular Gage Block Set

- Fowler Tungsten Carbide Rectangular and Square Gage Block Sets are selected for stability, durability and fine grain structure with a hardness of 70 RC.
- The surface finish process removes all peaks, leaving a 100% surface resistant to wear, ensuring long life within the original accuracy tolerance and retained wringability.
- Certificate of accuracy are furnished as standard with sets to the following grade: ASME B89. 1.9-2002
- Tungsten carbide resists high corrosion, making it ideal for continuous handling. It is also slow to reaction to "hot hands" with a low coefficient of expansion
- Grade AS1
- Includes fitted case



Order No. 53-685-082-0

Sale \$1350.00

List \$2286.09

Prices & Specifications are subject to change without notice.





Stereo Microscope

- 10 - 30x magnification
- Includes 1x and 3x objectives, 10x eyepieces and eyecups
- Sharp image definition
- Reversible white/black stage plate.
- Top illumination
- 15x and 20x eyepieces available (see main catalog)

Order No. 53-640-320-0

Sale \$355.⁰⁰

List \$489.68



Deluxe Stereo Microscope

- 20 - 40x magnification
- Includes 2x and 4x objectives, 10x eyepieces, eyecups and dust covers
- Sharp image definition
- Rack and pinion focusing
- Two 3.5"/95mm stage plates provided: Clear and reversible white/black
- Top and bottom illumination
- 15x and 20x eyepieces available (see main catalog)

Order No. 53-640-902-0

Sale \$399.⁰⁰

List \$540.54



XTRA-RANGE[®] Microscope

- 10x eyepieces with adjustable centers and rubber eyecups
- 2x objective lens
- Top swiveling light source - 12 volt lamp, 110V supply
- Positive rack and pinion focusing
- Articulated 12" long extension arm
- Heavy base plate ensures stability and houses transformer which measures 5" x 8" x 2.5"
- Overall base and column height of 12"

Order No. 53-640-280-0

Sale \$299.⁰⁰

List \$375.70



Deluxe Stereo Zoom Microscope

- Binocular head can be rotated a full 360° and locked into any position desired
- Includes 10x eyepieces and eyecups
- 7 - 45x magnification
- Field of view: 33 - 5mm
- Sharp image definition
- Rack and pinion focusing
- Top and bottom illumination
- Illumination can be adjusted separately

Order No. 53-640-777-0

Sale \$990.⁰⁰

List \$1266.50



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	\$33.77	\$25.00
54-575-625-0	0.200"	1/2"	NO	12 volt	119.09	91.00
54-575-650-0	0.400"	3/4"	YES	12 volt	119.09	91.00

Fowler/Mirage Tool Set

patent pending

The Fowler/Mirage Tool Set is an easy and affordable way to set Z depths quickly and accurately!

- Can be operated directly off table or from machine vise
- Aluminum contact face eliminates carbide chipping on cutting tools
- Works on any conductive materials
- Repeatability: 0.0002"
- Block dimensions: 1" x 2" x 3" (nominal)
- Batteries included



Slowly lower cutting tool toward Tool Set...

...indicator will light up upon contact!

Order No. 54-575-750-0

Sale \$65.00

List \$98.97

COAX-2D 2 Dimensional Coaxial Indicator Sets

Use the 2D Coaxial Set for accurate component centering and positioning in most machining applications. The dial remains stationary during the rotation of the machine spindle.

- 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



52-710-025-0

Order No.	Description	List Price	Sale Price
52-710-025-0	2D Coaxial Set-Inch	\$243.77	\$162.00
52-710-030-0	2D Coaxial Set-Metric	248.54	176.00

Prices & Specifications are subject to change without notice.





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

- 23 holes for easy clamping
- Sold in pairs
- Useful in layout & grinding work
- Accuracy: $\pm 0.0002"/1"$
- Matched accuracy: $\pm 0.0002"$



52-432-246-0

Order No.	Description	List Price	Sale Price
52-439-031-0	1-2-3 Blocks	\$91.50	\$65.00
52-439-246-0	2-4-6 Blocks	215.90	125.00

Premium 1-2-3 Block Set

- Hardened (HRC 55—60)
- 23 holes for easy clamping, 5 tapped, 18 untapped thru holes
- Complete in a shop-hardened case.
- Surface finish: $6-16\mu$ "
- Includes hex wrench and 5 mounting bolts ($3/8"-16$)



Order No. 52-439-032-0

Sale \$72.00

List \$83.13

Adjustable Parallels



52-437-006-0

- Each parallel has two dovetailed pieces that slide on each other and lock in position with set screws. Easily adjusted and set up to size with a micrometer. They can be quickly inserted in slots and expanded to size.
- Slot size determined by measuring the parallels externally with a micrometer
- Includes fitted case

Accuracy (parallelism)

 $3/8" - 11/16" = 0.0005"$
 $11/16" - 1-5/16" = 0.0006"$
 $1-5/16" - 2-1/4" = 0.0009"$

Order No.	Description	List Price	Sale Price
52-437-007-0	Set of 4 Adjustable Parallels. Sizes: $3/8" - 1/2"$, $1/2" - 11/16"$, $11/16" - 15/16"$ and $15/16" - 1-5/16"$	\$107.46	\$85.00
52-437-006-0	Set of 6 Adjustable Parallels. Sizes: $3/8" - 1/2"$, $1/2" - 11/16"$, $11/16" - 15/16"$ and $15/16" - 1-5/16"$, $1-5/16" - 1-3/4"$ and $1-3/4" - 2-1/4"$	144.74	115.00

1/32" Premium Parallel Set

- Made from high-grade alloy steel, hardened and ground from 1/32" stock with 2 holes in each parallel.
- 10 pairs, 6" length, 1/32" width.
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair. Absolute heights are nominal.
- Parallelism: $\pm 0.0001"$
- Paired in height: $\pm 0.0001"$
- Hardness: 50 HRC



Order No. 52-437-031-0

Sale \$199.⁰⁰

List \$241.74

1/4" Parallel Set

- Made from high-grade alloy steel, hardened and ground from 1/4" stock with 2 holes in each parallel.
- 9 pairs, 6" length, 1/4" width.
- 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8" & 1-3/4"
- Height specifications relate to consistency within each pair. Absolute heights are nominal.
- Parallelism: $\pm 0.0002"$
- Paired in height: $\pm 0.0002"$
- Hardness 52-58 HRC



Order No. 52-437-250-0

Sale \$305.⁰⁰

List \$359.25

1/8" Parallel Set

- Made from high-grade alloy steel, hardened and ground from 1/8" stock with 2 holes in each parallel.
- 10 pairs, 6" length, 1/8" width.
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair. Absolute heights are nominal.
- Parallelism: $\pm 0.0002"$
- Hardness 58-63 HRC
- Paired in height: $\pm 0.001"$



Order No. 52-437-000-0

Sale \$170.⁰⁰

List \$233.59

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TOOL-A-THON VOL. 17.2



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V-Block Set

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

Order No. 52-475-555-0



Sale \$155.00

List \$239.09

X-BLOX® V-Block Set

2 each @:

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

2 each @:

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



All feature:

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

Order No. 52-475-500-0



Sale \$104.00

List \$124.89

All-Angle V-Block

- Made of hardened and precision ground tool steel
- Sides are parallel and vee is central and ground to 0.0003"
- Central hole is provided for drilling or removing pins
- V-Block has four 3/8" - 16 tapped holes, two in the bottom and one on each side for angle non-clamping
- Dimensions: 3-5/8" long x 1-7/8" wide x 1-7/8" high (including clamp)
- Holding capacity: 1-5/16"

Order No. 52-475-050-0

Sale \$60.00

List \$78.07



Adjustable V-Block

- Hardened and precision ground
- 3.75" L x 1.75" W x 2" H and offers approximately 1.75" work space.
- Angle accuracy: ±10 sec.
- Squareness within 0.0002"
- Comes complete in deluxe fitted wooden case.
- Hardened to 50-55 HRC

Order No. 52-585-090-0

Sale \$185.00

List \$251.09



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	\$11.95	\$10.00
52-337-006-0	Black	6"	4R	10.09	8.40
52-330-012-0	Satin Chrome	12"	4R	20.73	17.30
52-337-012-0	Black	12"	4R	20.73	17.30
52-350-006-0	Satin Chrome	6"	16R	11.19	9.00
52-338-006-0	Black	6"	16R	10.09	8.20
52-350-012-0	Satin Chrome	12"	16R	19.30	15.50
52-338-012-0	Black	12"	16R	15.14	12.50

FLEXIBLE STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
52-295-006-0	Satin Chrome	6"	4R	\$11.52	\$9.60
52-297-006-0	Black	6"	4R	9.44	7.85
52-295-012-0	Satin Chrome	12"	4R	17.66	15.00
52-297-012-0	Black	12"	4R	14.47	12.50
52-308-006-0	Black	6"	16R	9.65	8.00
52-310-006-0	Satin Chrome	6"	16R	11.52	10.00
52-308-012-0	Black	12"	16R	14.47	12.00
52-310-012-0	Satin Chrome	12"	16R	16.89	14.00

Combination Square

- Blades are chrome plated, fully hardened and tempered
- Includes square, protractor and center head with 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



**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

Order No. 52-370-012-0

Sale \$150.⁰⁰

List \$204.59

6"/150mm Pocket Steel Rule



- Rounded edge prevents damage to shirt pocket
- Rule width: .470"
- Inch graduations are in 64ths
- Rule thickness: 0.021"
- Metric scale is in 1mm increments

Order No. 52-380-100-0

Sale \$6.⁵⁰

List \$7.57

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BEST SELLER!**
FOWLER HIGH PRECISION

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4" Drive Pin Punch Set

- Finished in black nitrate. Made of chrome alloy steel.
- Hardened on both ends
- Point sizes: 3/16", 7/32", 1/4" & 5/16"
- Knurled finger grip for easy handling
- Includes fitted case



Order No. 52-500-200-0

Sale \$9.00

List \$13.26

Extra Long Drive Pin Punch

- Made of chrome alloy steel. Hardened on both ends.
- Knurled finger grip. Length is 8"
- Point sizes: 1/8", 3/16", 1/4", 5/16" and 3/8"
- Includes fitted case



Order No. 52-500-300-0

Sale \$13.00

List \$17.50

Center Punch Set

- Finished in black nitrate. Made of chrome alloy steel.
- Knurled finger grip for easy handling
- Point sizes 3/64", 5/64", 7/64", 9/64" and 11/64"
- Includes fitted case



Order No. 52-500-015-0

Sale \$9.00

List \$12.52

XTRA-PUNCH Heavy Duty Transfer Punch Set

- 1/2" - 1" range in 1/64"
- 36 piece set, 3 master punches and 33 individually sized sleeves
- Simply select the laser etched sleeve for the size required, place it on one of the master punches for that range and it is ready to use
- Punch tips are hardened 48-55 HRC
- Master punches are 4-7/8" in length and sleeves are 1" in length
- 1/4" the weight of a conventional transfer punch set



Order No. 52-482-040-0

Sale \$75.00

List \$90.50



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"	\$34.27	\$25.00
52-500-055-0	Carbide Refill		10.50	8.00

Metal Etching Pen

A "must" for any tool room and machine shop for general marking purposes, Fowler's metal etching pen is used on copper, copper alloy, stainless steel, hardened steel tools and castings, etc. Use it to initial personal tools. Its low-cost, disposable design offers limitless applications. Overall length is 6-1/4"

Personalize your tools!



Order No. 52-730-005-0

Sale \$14.50

List \$21.00

Hook Scriber



- Fully hardened points • Chrome finished with a knurled handle • Overall length 8"

Order No. 52-515-035-0

Sale \$2.00

List \$3.81

Universal Deburring, Cleaning & Countersink Set

A complete kit for Machine Shop Applications!

Set includes:

- 1 Universal Handle
- 2 Adapters
- 2 Deburring Blades
- 1 Countersink for 12mm/.47" diameter
- 1 Countersink for 20mm/1.18" diameter
- 4 Cleaner Blades, for sheet metal, small ridges, relieving corners and for narrow slots
- Combined in a compact molded case



Order No. 52-483-888-0

Sale \$45.00

List \$61.09

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TOOL-A-THON Vol. 17.2



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Gage Master Profile Projector

The Fowler bench mount profile projector with its 340mm screen combines high accuracy non-contact measurement and inspection with a large 175mm x 100mm measuring range.

Choice of digital readouts and optional automatic profile edge detection. The horizontal light path configuration is ideally suited to machined parts that can be secured to the workstage using a range of optional accessories. The compact and robust lightweight chassis makes the profile projector ideal for workshop environments.

Features

- 340mm (14") screen with 90°crosslines and chart clips
- Lens magnification choice: x10, x20, x25, x50 and x100
- Workstage measuring range of 175mm (7") x 100mm (4")
- Digital angle measurement to 1 minute



FT2-E optional software



For additional technical information see Fowler's Main Catalog or contact Fowler Technical Department at 1-800-788-2353

Order No.	Description	List Price
53-900-800-0	Comparator with GXL Readout	\$11,817.58
53-900-801-0	Comparator with GXL Readout and Edge Detection	13,689.00
53-900-875-0	FT2-E Retrofit - Update your existing comparator to the latest touchscreen technology with lightning fast detection, comprehensive reporting, solid state Windows PC, multi-touch monitor and more!	5,042.00



Our commitment to customer satisfaction, requires Fowler High Precision provide a professionally staffed A2LA Accredited ISO/IEC 17025 Calibration Laboratory. Calibration at our state of the art facility is done under the strictest environmental controls, with the world's finest equipment to the highest accreditation standards.

We offer calibration on a wide range of precision tools which include: gage blocks, cylindrical rings, indicators, calipers, micrometers, and height gages, zCAT CMM, vision systems, scan systems, and much more. For those products that cannot be sent to Fowler's calibration facility we also offer on-site service and calibration at your location.



To learn more about Fowler Calibration or to schedule a field service, please contact our Sales Support team at 1-800-788-2353

How does this benefit you as a customer?

- Minimizes risk by choosing a technically competent lab that has a proven quality system in place
- Reduces expensive retesting by assuring thorough evaluations by an independent, competent calibration lab that has been assessed by a third party
- Reduces cost and improves acceptance of your goods around the world through a system of International agreements (ILAC). Accredited laboratories receive a form of international recognition, which allows their data to be more readily accepted world wide
- A2LA accreditation provides confidence in the measurement results





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