

# Fowler

HIGH PRECISION

**SPECIAL OFFER**  
Bluetooth Pistol Grips  
pg. 4



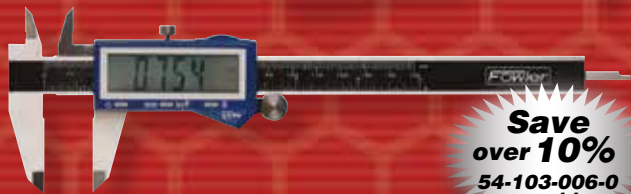
**Save 20%**  
52-562-252-0  
pg. 27



**BEST VALUE**  
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pg. 25



**SAVE \$400.00**  
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**Save over 10%**  
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**Look for HOT PRICES**

May 1<sup>st</sup> - August 31<sup>st</sup> 2016

# TOOL-A-THON

Volume 16.2

Visit us at [www.fowlerprecision.com](http://www.fowlerprecision.com)



The world's first truly portable  
DCC Coordinate Measuring Machine!

**NEW!**

- Calibration Sphere Included
- Quick Start Guide
- Reusable Shipping Container
- Standard 1 year warranty

For a complete  
list of features  
visit [www.zcat.com](http://www.zcat.com)



Order No.	Description	List Price
54-950-001-0	<b>NEW</b> zCAT DCC CMM	<b>\$39,950.00</b>
<b>Accessories</b>		
54-950-105-0	zCAT MK4 Software	<b>4950.00</b>
54-950-150-0	zCAT Travel Case	<b>750.00</b>
54-950-120-0	zCAT Calibration	<b>1750.00</b>
54-950-110-0	zCAT 5 Year Service and Calibration Contract	<b>6850.00</b>
54-950-115-0	zCAT 5 Year Extended Warranty	<b>1700.00</b>
54-950-170-0	zCAT Basic Fixturing Kit	<b>2625.00</b>
54-950-101-0	TP20 Touch Probe	<b>3620.00</b>
54-950-125-0	zCAT Test/Calibration Master	<b>295.00</b>
54-950-165-0	zCAT Dust Cover	<b>95.00</b>
54-950-130-0	zCAT Replacement AC Adaptor	<b>65.00</b>

- Completely Portable
- Easy to Use
- High Accuracy
- Economical  
*Only \$39,950.00*



**Call Fowler Sales for a Demo  
1-800-788-2353**

### zCAT Specifications

Working volume	X and Y 700mm diameter, Z 250mm
Diametral Accuracy ( $\mu\text{m}$ )	$3.0 + (D / 100\text{mm})$
Linear Accuracy ( $\mu\text{m}$ )	$5.0 + (L / 100\text{mm})$
Fixturing accuracy requirement	5mm
Machine speed	User controlled to 150 mm/ps
Machine air requirement	None required
Construction	Stainless steel for all structural components
Machine power requirements	100-240 V AC $\pm$ 10%, 50-60Hz
Battery life	4 hours with normal use, 3 hours at peak
Power consumption	Peak 15 W, normal 10 W
Manual motion control	User controlled by hand movement of probe
Controller	Onboard PCB provides motion control, error mapping, I++ interface and ControlCAT metrology software
Temperature compensation	Onboard monitoring and compensation
Probe Type	TP20 probe
Machine weight	13.6kg, 30lbs
Machine dimensions (W x D x H)	420mm x 172mm x 620mm

# **Fowler-Bowers Bluetooth XTH3 Hometric Pistol Grips**

**FREE Tablet**  
with the purchase of  
**ANY Bluetooth Set!**

**NEW!**



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

**BEST Results in Gage R & R Studies**

- Larger (10mm) easier to read swivel display
- Self centering heads
- USB connectivity and bluetooth
- Four preset memories
- Fixed anvils
- Resolution: 0.00005" / .001mm
- Range 0.080" – 12" (2–300mm)
- To reduce hand fatigue, the travel of the Hometric trigger is adjustable for minimum over travel
- Tungsten carbide measuring faces on all 3-point heads from 0.5" (12.5mm) and up.
- Heads with special anvils available for threads, splines, slots, etc.
- Sizes over 0.500" (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grip, heads and rings
- **Contact the Fowler Technical Department for special anvil applications.**



**Save over 15%**

**\*Bluetooth sets at standard set prices**

**Complete Range Sets**

Order No.	Range	Includes	List Price	Sale Price
54-567-009-BT	<b>NEW</b> 0.080" – .250" (2–6mm)	5 heads, 1 handle, 3 rings	\$6016.98	<b>\$4750.00</b>
54-567-010-BT	<b>NEW</b> 0.250" – .375" (6–10mm)	2 heads, 1 handle, 1 ring	2359.26	<b>1845.00</b>
54-567-020-BT	<b>NEW</b> 0.375" – .750" (10–20mm)	3 heads, 1 handle, 2 rings	2760.12	<b>2185.00</b>
54-567-050-BT	<b>NEW</b> 0.750" – 2" (20–50mm)	3 heads, 1 handle, 2 rings	3563.88	<b>2870.00</b>
54-567-100-BT	<b>NEW</b> 2–4" (50–100mm)	3 heads, 1 handle, 2 rings	3966.78	<b>3210.00</b>
54-567-105-BT	<b>NEW</b> 4–6" (100–150mm)	2 heads, 1 handle, 1 ring	3563.88	<b>2870.00</b>
54-567-110-BT	<b>NEW</b> 6–8" (150–200mm)	2 heads, 1 handle, 1 ring	4704.27	<b>3840.00</b>
54-567-200-BT	<b>NEW</b> 4–8" (100–200mm)	4 heads, 1 handle, 2 rings	7446.00	<b>6170.00</b>
54-567-210-BT	<b>NEW</b> 0.750" – 4" (20–100mm)	6 heads, 1 handle, 4 rings	5799.72	<b>4770.00</b>
54-567-620-BT	<b>NEW</b> 0.250" – .750" (6-20mm)	5 heads, 1 handle, 3 rings	3289.50	<b>2635.00</b>

**Connectivity Kits**

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

# 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!

Save 25%

**FREE**



Free Special  
Sylvac Ultra Cal IV  
with Holemike purchase!  
\$175.00 Value  
(features round depth rod)

### Special Features:

- Graduations 0.00025"
- 3-pt contact with tungsten carbide measuring anvils above .5"
- Blind bore measuring above .5"
- Ratchet stop for consistent measuring
- Non-removable anvils
- Extensions available for deep measuring
- Setting rings included in all sets
- Includes UKAS certificates for all Holemikes and setting rings
- Every gage is individually serialized



Made in ENGLAND



Order No.	Range	Grads.	Accuracy	Meas. Depth	Ring Included	List Price	Sale Price
52-255-310-0	.250"—.312"	.00025"	.00015"	2.28"	.312"	\$709.21	<b>\$531.90</b>
52-255-311-0	.312"—.375"	.00025"	.00015"	2.28"	.312"	656.68	<b>492.51</b>
52-255-312-0	.375"—.500"	.00025"	.00015"	2.28"	.5"	656.68	<b>492.51</b>
52-255-313-0	.500"—.625"	.00025"	.00015"	2.44"	.5"	656.68	<b>492.51</b>
52-255-314-0	.625"—.750"	.00025"	.00015"	2.44"	.75"	673.40	<b>505.05</b>
52-255-315-0	.750"—1"	.00025"	.00015"	2.60"	.75"	739.60	<b>554.70</b>
52-255-316-0	1"—1.375"	.00025"	.00015"	2.60"	1.375"	1053.76	<b>790.32</b>
52-255-317-0	1.375"—2"	.00025"	.00015"	3.15"	1.375"	1078.96	<b>809.22</b>
52-255-318-0	2"—2.625"	.00025"	.0002"	3.15"	2.625"	1287.04	<b>965.28</b>
52-255-319-0	2.625"—3.250"	.00025"	.0002"	3.15"	2.625"	1298.56	<b>973.92</b>
52-255-320-0	3.250"—4"	.00025"	.0002"	3.94"	3.25"	1620.07	<b>1215.05</b>

### Fowler-Bowers XT-Series Holemike Sets

Order No.	Range	Includes	List Price	Sale Price
52-255-565-0	.250"—.375"	2 heads, 2 handles, 1 ring	\$1574.88	<b>\$1181.16</b>
52-255-665-0	.375"—.750"	3 heads, 3 handles, 2 rings	1793.36	<b>1345.02</b>
52-255-775-0	.750"—2"	3 heads, 3 handles, 2 rings	2817.75	<b>2113.31</b>
52-255-885-0	2"—4"	3 heads, 3 handles, 2 rings	3820.00	<b>2865.00</b>

Prices & Specifications are subject to change without notice.

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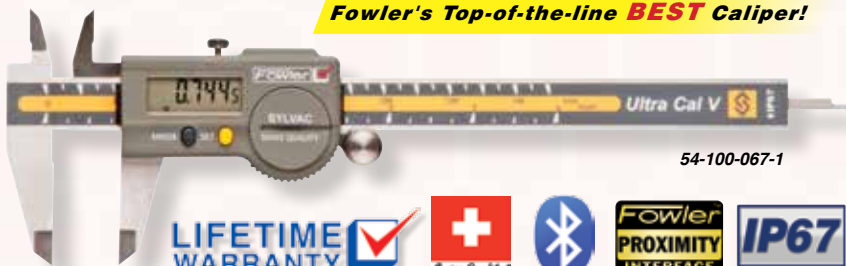
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# Buy 5, Get 1 FREE!

## Ultra-Cal V Electronic Calipers

Buy 5 Standard 6"/150mm Electronic Calipers (54-100-067-1) and get one FREE

Fowler's Top-of-the-line **BEST** Caliper!



54-100-067-1

LIFETIME WARRANTY



- 4-way measurement, inside, outside, depth and step. (6" & 8" models)
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm
- Direct inch/metric conversion
- Temperature range 5 to 40C° working; -20 to 60C° in storage

**Save 25%**  
Standard Models Only

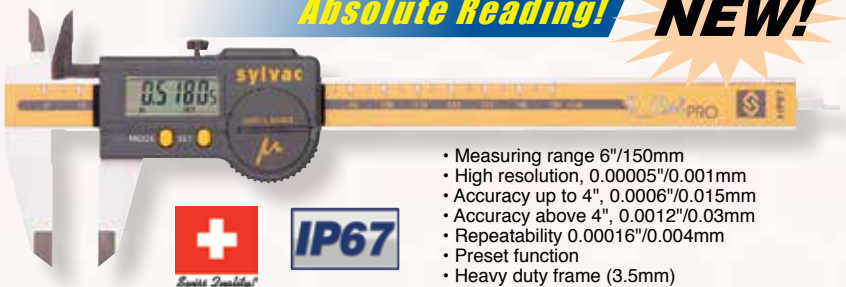
- Hardened stainless steel construction
- Direct RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function
- Thumbroll (6" model only)
- Includes case

Order No.	Description	Accuracy	Resolution	List Price	Sale Price
<b>54-100-667-0</b>	<b>Buy 5 standard 6"/150mm Electronic Calipers (54-100-067-1), Get 1 FREE</b>			\$992.95	<b>\$742.50</b>
54-100-067-1	6"/150mm	0.0008"/20µm	0.0005"/.01mm	198.59	<b>148.50</b>
54-100-068-1	8"/200mm	0.0012"/30µm	0.0005"/.01mm	472.77	<b>352.00</b>
54-100-069-1	12"/300mm	0.0012"/30µm	0.0005"/.01mm	567.32	<b>425.00</b>
<b>Bluetooth Models</b>					
54-100-167-0	6"/150mm	0.0008"/20µm	0.0005"/.01mm	\$330.99	<b>\$290.00</b>
54-100-168-0	8"/200mm	0.0012"/30µm	0.0005"/.01mm	614.65	<b>465.00</b>
54-100-169-0	12"/300mm	0.0012"/30µm	0.0005"/.01mm	819.47	<b>545.00</b>
<b>Connectivity Kits</b>					
54-115-526-0	Proximity cable with USB connection			\$136.07	<b>\$122.00</b>
54-115-527-0	Proximity cable with serial connection			136.07	<b>122.00</b>
54-115-246-BT	USB bluetooth receiver			47.33	<b>42.60</b>

## Micron 0.00005" Electronic Caliper

Absolute Reading!

**NEW!**



Order No. 54-100-100-0

- Measuring range 6"/150mm
- 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
- Preset function
- Heavy duty frame (3.5mm)
- IP67 rated
- 5 year guarantee
- Includes case

**Sale \$345.00**

List \$384.54

**Save 10%**

# Dial Cal Plus

**NEW!**



52-008-050-0

**Save  
10%**

- IP54 rated against fluid and debris
- Measuring range 0-6"/0-150mm
- 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
- Includes fitted case



Order No.	Description	Accuracy	Graduation	List Price	Sale Price
52-008-050-0	<b>NEW</b> 0-6" - White-face	± 0.001"	0.001"	\$118.45	<b>\$99.00</b>
52-008-051-0	<b>NEW</b> 0-6" - Black-face	± 0.001"	0.001"	118.45	<b>99.00</b>
52-008-052-0	<b>NEW</b> 0-150mm - White-face	± 0.03mm	0.02mm	118.45	<b>99.00</b>

## Machinist Grade Dial Calipers



52-008-706-0



52-008-707-0



52-008-714-0

- 4-way measuring
- Solid stainless steel construction
- Silky smooth movement throughout
- .100"/2mm range per revolution
- .001"/.02mm reading dial face
- Tough shockproof gearing
- Supplied in shop-hardened case

**Save  
over 20%**



Order No.	Range	Dial Face Color	List Price	Sale Price
52-008-704-0	0-4"	White	\$54.59	<b>\$42.58</b>
52-008-714-0	0-4"	Black	54.59	<b>42.58</b>
<b>52-008-706-0</b>	<b>0-6"</b>	<b>White</b>	<b>74.78</b>	<b>55.00</b>
<b>52-008-707-0</b>	<b>0-6"</b>	<b>Black</b>	<b>74.78</b>	<b>55.00</b>
<b>52-008-709-0</b>	<b>0-150mm</b>	<b>Yellow</b>	<b>74.78</b>	<b>55.00</b>
52-008-708-0	0-8"	White	93.83	<b>73.19</b>
52-008-712-0	0-12"	White	124.22	<b>96.89</b>

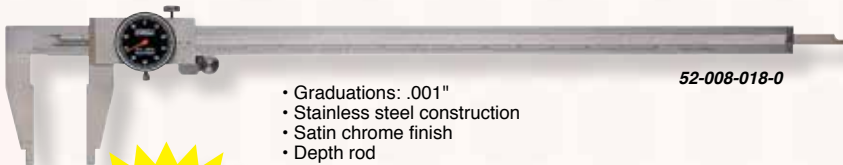
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## Extended Range Dial Calipers



52-008-018-0

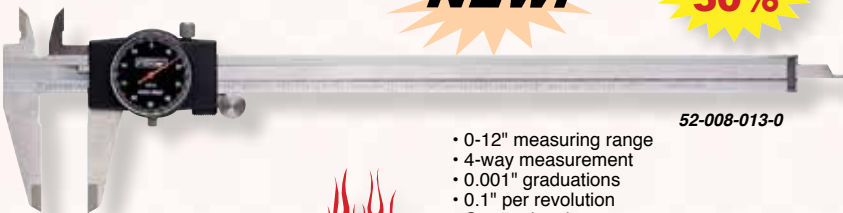
- Graduations: .001"
- Stainless steel construction
- Satin chrome finish
- Depth rod
- .500" internal measuring nibs
- Includes fitted case

**Save  
over 35%**  
18" Caliper  
Only



Order No.	Range	Depth of Jaws	List Price	Sale Price
52-008-018-0	18" Caliper	3.125"	\$247.10	<b>\$154.00</b>
52-008-024-0	24" Caliper	3.375"	299.42	<b>232.00</b>

## One-Rev Dial Caliper



52-008-013-0

**NEW!**

**Save  
50%**



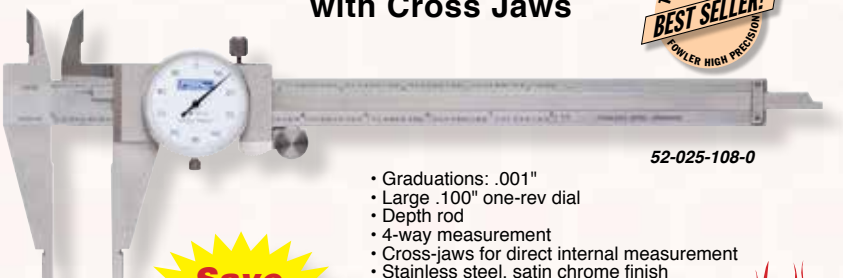
- 0-12" measuring range
- 4-way measurement
- 0.001" graduations
- 0.1" per revolution
- Covered rack
- Thumbroll, carriage lock and adjustable bezel
- Hardened stainless steel
- Includes case

Order No. 52-008-013-0

**Sale \$85.<sup>95</sup>**

List \$173.45

## Heavy Duty Dial Calipers with Cross Jaws



52-025-108-0

- Graduations: .001"
- Large .100" one-rev dial
- Depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish
- Includes wood case

**Save  
up to 40%**



Order No.	Range	Jaw Length	List Price	Sale Price
52-025-108-0	8" Caliper	2.5"	\$136.06	<b>\$78.00</b>
52-025-112-0	12" Caliper	2.875"	197.86	<b>129.00</b>



## 0-6" Dial Calipers



52-008-005-0



52-008-007-0

- 4-way measuring
- Covered rack
- .100" per revolution
- Dial graduation: .001"
- Accuracy:  $\pm .001$ "
- Hardened stainless steel rack
- Supplied in shop-hardened case



Order No.	Dial Face Color	List Price	Sale Price
52-008-007-0	White	\$89.71	<b>\$49.95</b>
52-008-005-0	Black	89.71	<b>49.95</b>

## Heavy Duty Dial Calipers with Knife Edge Jaws

*Fine design and sturdy construction ensure a long life of reliable and accurate service in these heavy-duty calipers.*



52-025-012-0



- White dial with microfine graduations for easy reading.
- Inside, outside and depth measurement; "knife edge" top jaws for measuring threads, slots, recesses and similar work. Inside measurements are obtained by use of the nibs on the bottom jaws.
- Beam is satin chrome finished.
- Extra long jaws.
- Hardened stainless steel throughout; measuring faces are ground and microlapped for exceptional accuracy.
- Knurled lock assures precise settings.
- Adjustable dial reads to .001" in inch series or .05mm in metric series.
- Raised sliding surface prevents wear and defacement of graduations.
- Available in inch or metric models.
- Beam features large, clear graduations.
- Accuracy: .001" per 6 inches (inch series) or .05mm per 150mm (metric series).
- All sizes feature thumbroll adjustment
- Includes wooden case

Order No.	Range	Accuracy	Jaw Length	List Price	Sale Price
52-025-012-0	<b>NEW</b> 0-12" Caliper	$\pm 0.002$ "	3-1/2"	\$803.04	<b>\$550.00</b>
52-025-013-0	<b>NEW</b> 300mm Caliper	$\pm 0.1$ mm	90mm	803.04	<b>550.00</b>

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# XTRA-RANGE® Electronic Calipers



- Hold feature
- Absolute/Incremental measurement
- Preset mode now includes offset for inside jaws
- All sizes feature fine adjustment screw
- Resolution: .0005"/.01mm
- Inch/metric conversion
- Includes molded case
- .500" internal measuring nibs

54-100-312-0

Shop-Hardened Case!



Order No.	Range	Jaw Depth	Accuracy	List Price	Sale Price
54-100-312-0	0—12"/300mm Caliper	3.5"	.002"/.04mm	\$205.59	<b>\$149.00</b>
<b>54-100-024-1</b>	<b>0—24"/600mm Caliper</b>	<b>4"</b>	<b>.003"/.08mm</b>	<b>299.42</b>	<b>223.00</b>
54-100-042-1	0—40"/1000mm Caliper	4.9"	.004"/.10mm	1229.61	<b>695.00</b>

## 4" thru 12" Economy Digital Calipers



**Absolute Reading!**

54-100-000-2



- Absolute sensor technology
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (4" & 6" models)  
.0015"/.04mm (8" & 12" models)
- Resolution: .0005"/.01mm
- Large easy-to-read LCD display
- Includes molded case



Order No.	Range	List Price	Sale Price
<b>54-100-004-2</b>	<b>0—4"/100mm Caliper</b>	\$99.81	<b>\$59.85</b>
54-100-000-2	0—6"/150mm Caliper	116.39	<b>78.00</b>
54-100-008-2	0—8"/200mm Caliper	136.68	<b>107.50</b>
54-100-112-2	0—12"/300mm Caliper	178.19	<b>123.00</b>
54-520-399-0	Data Cable	152.90	<b>140.00</b>

## Water Resistant IP54 Electronic Calipers



**Absolute Reading!**

54-100-777-2



- Absolute sensor technology
- Water resistant to IP54 specifications
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (6" models)
- Resolution: .0005"/.01mm
- Large easy-to-read LCD display
- 4-way measurement
- Includes molded case

Order No.	Range	List Price	Sale Price
54-100-777-2	0—6"/150mm Electronic IP54 Caliper	\$130.71	<b>\$90.50</b>
54-100-712-2	0—12"/300mm Electronic IP54 Caliper	190.14	<b>133.00</b>
54-520-399-0	Data Cable	152.90	<b>140.00</b>

# XTRA-VALUE CAL Electronic Calipers

TOOL-A-THON  
BEST SELLER!  
FOWLER HIGH PRECISION



54-101-150-2

- Accuracy: .001"/.02mm (6" models)
- Stainless steel frame
- Large easy-to-read display
- Resolution: .0005"/.01mm
- Direct inch/metric conversion
- Absolute/Incremental Measurement
- 4-way measuring
- Includes molded case

Save  
up to  
**30%**



Also available with a  
**Super Large Display with Hold Feature!**

Order No.	Range	Display Type	List Price	Sale Price
54-101-150-2	6"/150mm	Regular Display	\$47.79	<b>\$35.00</b>
54-101-600-1	6"/150mm	Super Large Display with hold feature	59.43	<b>39.60</b>
54-101-200-1	8"/200mm	Regular Display	71.28	<b>59.20</b>
54-101-800-1	8"/200mm	Super Large Display with hold feature	89.10	<b>67.00</b>
54-101-300-1	12"/300mm	Regular Display	95.48	<b>81.00</b>
54-101-900-1	12"/300mm	Super Large Display with hold feature	118.97	<b>89.00</b>

# XTRA-VALUE Plus Electronic Caliper

INCH • METRIC • FRACTION™



Save  
over **10%**

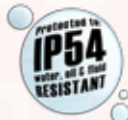
Order No. 54-103-006-0

**Sale \$60.00**

List \$71.07

**NEW!**

- Measuring Range 6"/150mm
- Inch/Metric/Fraction reading: .0005"/.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
- Floating zero
- Super large, easy to read 14 x 52mm display
- 4-way measuring
- Combined thumbrest and thumbroll for fine adjustment
- Includes spare battery and fitted case

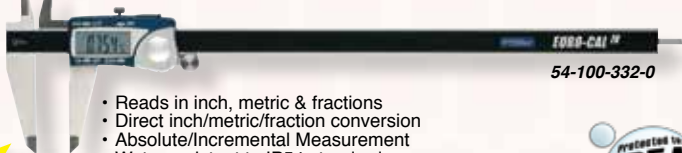


# EURO-CAL IV® Electronic Calipers



54-100-330-1

INCH • METRIC • FRACTION™



54-100-332-0

- Reads in inch, metric & fractions
- Direct inch/metric/fraction conversion
- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring
- Includes molded plastic case

Save  
over **25%**



Order No.	Description	Accuracy	List Price	Sale Price
54-100-330-1	6"/150mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	\$118.76	<b>\$89.00</b>
54-100-331-0	8"/200mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	140.60	<b>105.00</b>
54-100-332-0	12"/300mm Euro-Cal IV Electronic Caliper	±.0015"/.03mm	180.35	<b>135.00</b>

Prices & Specifications are subject to change without notice.

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Volume 16.2

# 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.



**Save over 10%**

### Features

- Built-in Bluetooth
- New reinforced frame
- XXL display with .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. - RS232 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	\$2128.23	<b>\$1810.00</b>
54-110-524-0	0-24"/0-600mm Ultralight IV	2482.99	<b>2060.00</b>
54-110-540-0	0-40"/0-1000mm Ultralight IV	2857.63	<b>2325.00</b>
54-110-560-0	0-60"/0-1500mm Ultralight IV	4296.95	<b>3585.00</b>
54-110-580-0	0-80"/0-2000mm Ultralight IV	5920.18	<b>5030.00</b>
54-110-600-0	0-100"/0-2500mm Ultralight IV — 15 % off	7154.59	<b>6080.00</b>
<b>Cables</b>			
54-115-526-0	Proximity USB Cable	\$136.07	<b>\$122.00</b>
54-115-527-0	Proximity Serial Cable	136.07	<b>122.00</b>
54-115-246-BT	USB Bluetooth Receiver	47.33	<b>42.60</b>

# Our Technology Comes to You!

Call 1-800-788-2353 or go to  
[www.fowlerprecision.com](http://www.fowlerprecision.com) to  
 book a visit **NOW!**



Fowler

TOOL-A-THON

## Fowler Mobile Tech Center

### Outside Inch Micrometer Sets

Fowler micrometers are of the finest quality available, at prices that defy competition. Special care in design and workmanship create a long lasting precision tool.

- Hammertone blue baked enamel finish
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: .256"
- Graduation: .0001"
- Flatness: .00003"
- Quick, easy zero adjustment on sleeve
- 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



52-215-003-1

**Save**  
 up to  
**40%**



52-215-006-1  
 52-215-012-1 — Includes Wooden Case shown!  
 52-215-612-1

Order No.	Range	List Price	Sale Price
52-215-003-1	0-3" with standard and fitted Shop-Hardened case	\$173.04	<b>\$114.00</b>
52-215-004-1	0-4" with standard and fitted Shop-Hardened case	222.21	<b>157.60</b>
52-215-006-1	0-6" with standard and fitted Wooden Case	342.38	<b>250.00</b>
52-215-012-1	0-12" with standard and fitted Wooden Case	1028.38	<b>616.50</b>
52-215-612-1	6-12" with standard and fitted Wooden Case	705.38	<b>419.00</b>

Prices & Specifications are subject to change without notice.

Volume 16.2

## Swiss-Style Micrometers



52-229-201-0

- .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

**Save  
over 25%**

Order No.	Range	List Price	Sale Price
52-229-201-0	0—1"	\$45.14	<b>\$33.40</b>
52-229-202-0	1—2"	52.86	<b>39.10</b>
52-229-203-0	2—3"	65.18	<b>48.30</b>
52-229-204-0	3—4"	74.82	<b>55.30</b>
52-229-205-0	4—5"	92.40	<b>68.40</b>
52-229-206-0	5—6"	108.53	<b>80.30</b>

## Swiss Style Micrometer Sets

52-229-213-0



**Save  
over 25%**

Complete in a  
**"Shop Hardened"**  
molded case!

- .0001" reading (.01mm on metric set)
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications

Order No.	Range	List Price	Sale Price
52-229-213-0	0—3" set	\$162.74	<b>\$120.40</b>
52-229-214-0	0—4" set	250.66	<b>158.50</b>
52-229-220-0	0—100mm set	250.66	<b>158.50</b>

## Digit Counter Micrometers



52-224-001-0

**Save  
over 35%**

- Digital counter reads to .001".
- Resolution: .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"	\$109.32	<b>\$70.00</b>
52-224-002-0	1—2"	114.84	<b>73.50</b>
52-224-003-0	2—3"	130.80	<b>83.70</b>
52-224-004-0	3—4"	143.88	<b>92.00</b>

## Digit Counter Micrometer Sets

52-224-103-0



**Save  
over 35%**

Complete in a  
**"Shop Hardened"**  
molded case!

- Digital counter reads to .001".
- Resolution: .0001" (.01mm on metric set)
- Microfine graduations on satin chrome.
- Carbide tipped measuring faces
- Ratchet thimble
- Positive locking nut on spindle
- Sizes over 1" supplied with standards

Order No.	Range	List Price	Sale Price
52-224-103-0	0—3" set	\$363.36	<b>\$232.60</b>
52-224-104-0	0—4" set	489.36	<b>313.20</b>
52-224-220-0	0—75mm set	363.36	<b>232.50</b>

# Inch Outside Micrometers

with Decimal Equivalents on Frame



52-235-001-1



**Save  
30%**

- Satin chrome finish forged steel frame
- Decimal equivalents on frame
- Sleeve and thimble have microfine black graduations
- Anvil and spindle precision ground, with microlapped ends
- Ultra-positive locking clamp
- Smooth action ratchet style thimbles for exact and repetitive settings
- Wear-resistant carbide faces on anvil and spindle
- Diameter of measuring faces: .256"
- Flatness: .00003" and Parallelism: 0.00005"
- Includes case, spanner and standard for 1" and over

52-235-100-0



Order No.	Range	Accuracy	Graduation	List Price	Sale Price
52-235-001-1	0-1"	0.0001"	0.0001"	\$60.70	<b>\$42.00</b>
52-235-002-2	1-2"	0.0001"	0.0001"	73.70	<b>51.00</b>
52-235-003-2	2-3"	0.0001"	0.0001"	87.81	<b>61.50</b>
52-235-100-0	0-3" set	0.0001"	0.0001"	\$247.41	<b>\$170.00</b>

# Large Capacity Inch Micrometers

Fowler's Large Capacity Inch Micrometers are used for larger applications and is available in sizes up to a 20". Each micrometer offers superior design and workmanship to ensure high precision and long life — and at economical prices.



52-240-013-0

**Save  
30%**

- Hammer-tone blue baked finish
- Microfine graduations on satin chrome finish and carbide tipped measuring faces.
- Diameter of measuring faces: 0.295"
- Ratchet stop thimble for exact and repetitive readings
- Flatness: 0.00003"
- Quick, easy zero adjustment on sleeve
- Positive lever locking clamp ensures reliable measurement setting at all times
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Includes standard
- Includes a wrench and case

Order No.	Range	Graduation	Accuracy	List Price	Sale Price
52-240-013-0	12-13" w/standards & case	0.001"	0.00044"/0.011mm	\$337.12	<b>\$220.00</b>
52-240-014-0	13-14" w/standards & case	0.001"	0.00044"/0.011mm	376.66	<b>259.80</b>
52-240-015-0	14-15" w/standards & case	0.001"	0.00044"/0.011mm	387.63	<b>267.50</b>
52-240-016-0	15-16" w/standards & case	0.001"	0.00044"/0.011mm	423.81	<b>289.00</b>
52-240-017-0	16-17" w/standards & case	0.001"	0.0005"/0.013mm	435.46	<b>295.00</b>
52-240-018-0	17-18" w/standards & case	0.001"	0.0005"/0.013mm	472.86	<b>320.00</b>
52-240-019-0	18-19" w/standards & case	0.001"	0.0005"/0.013mm	500.08	<b>319.00</b>
52-240-020-0	19-20" w/standards & case	0.001"	0.0005"/0.013mm	598.19	<b>349.00</b>

Prices & Specifications are subject to change without notice.

# ABSOLUTE MICS

## Electronic Coolant Resistant Micrometers



54-860-001-1

**Save over 20%**

PROTECTED TO  
**IP54**  
water, oil & dust  
RESISTANT

**FREE!**  
Ball Attachment

- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off
- Resolution: .00005"/.001mm
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	List Price	Sale Price
54-860-001-1	0—1"/0—25mm	\$112.89	<b>\$89.00</b>
54-860-002-1	1—2"/25mm—50mm	130.71	<b>103.00</b>
54-860-003-1	2—3"/50mm—75mm	142.55	<b>112.00</b>
54-860-004-1	3—4"/75mm—100mm	166.35	<b>131.00</b>
54-860-005-1	4—5"/100mm—125mm	185.30	<b>144.50</b>
54-860-006-1	5—6"/125mm—150mm	207.96	<b>163.00</b>
<b>Sets</b>			
54-860-103-1	0—3"/0—75mm Set	371.32	<b>285.00</b>
54-860-106-1	0—6"/0—150mm Set	945.75	<b>699.00</b>

## XTRA-VALUE II Electronic Micrometers



54-870-001-0

**Save over 25%**  
54-870-103-0 Set Only

Protected to:  
**IP40**  
DUST RESISTANT

**FREE!**  
Ball Attachment

- Jet black, grey enamel finish
- Large LCD display, 8.5mm
- Resolution: .00005"/.001mm
- Accuracy: ±.00016"/.004mm (up to 2")
- Carbide measuring faces.
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case



Order No.	Range	List Price	Sale Price
54-870-001-0	0—1"/0—25mm	\$89.10	<b>\$65.50</b>
54-870-002-0	1—2"/25—50mm	90.23	<b>67.50</b>
54-870-003-0	2—3"/50—75mm	105.99	<b>79.30</b>
54-870-004-0	3—4"/75—100mm	112.48	<b>84.00</b>
<b>Set</b>			
54-870-103-0	0—3"/0—75mm Set	318.27	<b>235.50</b>



## Electronic IP54 Micrometer Head

- 0-1"/0-25mm range
- Protected to IP54 specifications
- True inch/metric conversion
- Resolution: .00005"/.001mm
- Accuracy: 0.00012"/0.003mm
- Large LCD display
- Friction thimble

**Absolute Reading!**



Order No. 54-220-777-1

**Sale \$62.00**

List \$96.20



**Save 35%**

## Electronic IP54 Inside Micrometer

- Each gage includes appropriate setting ring.
- Water Resistant to IP54 specifications.
- Resolution: .00005"/.001mm
- Large easy-to-read LCD display
- Friction thimble
- Includes case



54-860-275-0

**Save 30%**

**Includes setting ring!**

Order No.	Range	Accuracy	List Price	Sale Price
54-860-275-0	0.2 - 1.2"	0.00020"/0.005mm	\$231.19	<b>\$159.00</b>
54-860-276-0	1 - 2"	0.00024"/0.006mm	250.58	<b>173.00</b>

## Electronic IP54 Blade Micrometer

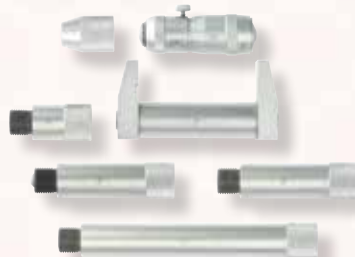


- Water Resistant to IP54 specifications
- True inch/metric conversion
- Resolution: .00005"/.001mm
- Direct RS232 output
- Large easy-to-read LCD display
- Friction thimble
- Sizes over 1" include standard
- Includes case

Order No.	Range	Accuracy	Resolution	List Price	Sale Price
54-860-241-0	0-1"/0-25mm	0.00016"/0.001mm	0.00005"/0.001mm	\$254.29	<b>\$154.00</b>
54-860-242-0	1 - 2"/25-50mm	0.00016"/0.001mm	0.00005"/0.001mm	276.24	<b>176.00</b>

## Inside Micrometers

- 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 = .00005" x (3 + L"/2)
- Includes a wrench, case and reference standard



52-243-212-1

Order No.	Range	Graduation	List Price	Sale Price
52-243-026-1	2 - 6"	0.001"	\$134.40	<b>\$105.50</b>
52-243-212-1	2 - 12"	0.001"	165.98	<b>128.00</b>
52-243-220-1	2 - 20"	0.001"	215.15	<b>169.00</b>

Prices & Specifications are subject to change without notice.

## Point Anvil & Spindle Micrometers

**Absolute Reading!**

**NEW!**



54-860-661-0

**Save 15%**

- 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: .00005"/.001mm
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Protected to  
**IP54**  
water, oil & fluid  
RESISTANT

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-860-661-0	<b>NEW</b> 0-1"/0-25mm	0.00005"/0.001mm	0.00016"/0.004mm	\$165.90	<b>\$141.00</b>
54-860-662-0	<b>NEW</b> 1-2"/25-50mm	0.00005"/0.001mm	0.00016"/0.004mm	181.50	<b>154.20</b>
54-860-663-0	<b>NEW</b> 2-3"/50-75mm	0.00005"/0.001mm	0.0002"/0.005mm	203.00	<b>172.50</b>
54-860-664-0	<b>NEW</b> 3-4"/75-100mm	0.00005"/0.001mm	0.0002"/0.005mm	220.80	<b>187.60</b>

## Point Spindle & Blade Anvil Micrometers

**Absolute Reading!**

**NEW!**



54-860-671-0

**Save 15%**

- 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: .00005"/.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Protected to  
**IP54**  
water, oil & fluid  
RESISTANT

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-860-671-0	<b>NEW</b> 0-0.8"/0-20mm	0.00005"/0.001mm	0.00016"/0.004mm	\$138.40	<b>\$117.64</b>
54-860-672-0	<b>NEW</b> 1.0-1.8"/25-45.7mm	0.00005"/0.001mm	0.00016"/0.004mm	155.60	<b>132.20</b>
54-860-673-0	<b>NEW</b> 2.0-2.8"/50-71mm	0.00005"/0.001mm	0.0002"/0.005mm	176.20	<b>149.70</b>
54-860-674-0	<b>NEW</b> 3.0-3.8"/75-96.5mm	0.00005"/0.001mm	0.0002"/0.005mm	198.70	<b>168.90</b>

## Electronic IP54 Ball Anvil Micrometers

**Absolute Reading!**

**NEW!**



54-860-113-1

**Save  
15%**

PROTECTED TO  
**IP54**  
water, oil & fluid  
RESISTANT

- 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: .00005"/.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-860-113-1	<b>NEW</b> 0-1"/0-25mm	0.00005"/0.001mm	0.00016"/0.004mm	\$114.40	<b>\$97.20</b>
54-860-114-1	<b>NEW</b> 1-2"/25-50mm	0.00005"/0.001mm	0.00016"/0.004mm	134.00	<b>113.90</b>
54-860-115-1	<b>NEW</b> 2-3"/50-75mm	0.00005"/0.001mm	0.0002"/0.005mm	153.90	<b>130.80</b>
54-860-116-1	<b>NEW</b> 3-4"/75-100mm	0.00005"/0.001mm	0.0002"/0.005mm	173.40	<b>147.30</b>

## Electronic IP54 Ball Anvil & Spindle Micrometers

**Absolute Reading!**

**NEW!**



54-860-211-1

**Save  
15%**

PROTECTED TO  
**IP54**  
water, oil & fluid  
RESISTANT

- Ball anvil and spindle for measuring special curved surfaces
- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off
- Resolution: .00005"/.001mm
- Hardened steel measuring face
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order No.	Range	Resolution	Accuracy	List Price	Sale Price
54-860-211-1	<b>NEW</b> 0-1"/0-25mm	0.00005"/0.001mm	0.00016"/0.004mm	\$124.70	<b>\$106.00</b>
54-860-212-1	<b>NEW</b> 1-2"/25-50mm	0.00005"/0.001mm	0.00016"/0.004mm	143.90	<b>122.30</b>
54-860-213-1	<b>NEW</b> 2-3"/50-75mm	0.00005"/0.001mm	0.0002"/0.005mm	164.40	<b>139.70</b>
54-860-214-1	<b>NEW</b> 3-4"/75-100mm	0.00005"/0.001mm	0.0002"/0.005mm	185.80	<b>157.90</b>

Prices & Specifications are subject to change without notice.

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Fowler

TOOL-A-TTHON

Volume 16.2

# Rapid-Mic Quick-Displacement Electronic Micrometers



54-815-030-0

**WORLD'S FINEST  
Micrometer!**

- Auto On/Off
- Position recall
- IP67 with or without data cable.
- Delrin quick displacement thimble
- Adjustable measuring force, 5N/10N
- Menu customizable with free software
- Non-rotating spindle, 10mm/spindle rotation
- USB output
- Carbide anvils
- Extended Range 0-30mm, 30-66mm and 66-102mm
- Blade anvils and speciality micrometers are available, contact Fowler Technical Department.

**Save 20%**  
54-815-030-0  
Model Only

LIFETIME WARRANTY



54-815-111-0

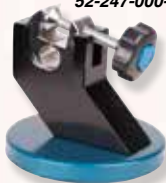


**0-4" Range with ONLY 3 Mics!**

Order No.	Description	Max Error	List Price	Sale Price
54-815-030-0	0-1.18"/0-30mm	0.00012"/.003mm	\$514.79	<b>\$410.00</b>
54-815-060-0	1.18"-2.6"/30-66mm	0.00016"/.004mm	761.74	<b>695.00</b>
54-815-100-0	2.6"-4.0"/66-102mm	0.00020"/.005mm	1065.29	<b>945.00</b>
<b>BLUETOOTH MODEL</b>				
54-815-130-0	0-1.18"/0-30mm	0.00012"/.003mm	761.74	<b>645.50</b>
<b>Set</b>				
54-815-111-0	0-4"/0-102mm		2353.34	<b>1995.00</b>
<b>Connectivity Kits</b>				
<b>Order No.</b>		<b>Description</b>		
54-115-526-0		Proximity cable with USB connection	\$136.07	<b>\$122.00</b>
54-115-527-0		Proximity cable with serial connection	136.07	<b>122.00</b>
54-115-246-BT		USB bluetooth receiver	47.33	<b>42.60</b>

## Micrometer Stands

52-247-000-0



- Adjust micrometer stand to any position.
- Hammertone blue baked enamel base.
- Provides a measuring position and angle for outside micrometers and other instruments.

52-247-005-0



**Save up to 35%**

- Unique locking nut adjusts micrometer stand to any position for perfect use and viewing.
- Stand folds for storage.
- Hammertone silver baked enamel base.
- Provides a measuring position and angle for outside micrometers and other instruments.

## XTRA MAG

52-247-010-0



Micrometer shown 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
- Blue enamel finish
- 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	\$56.90	<b>\$36.50</b>
52-247-005-0	Folding Micrometer Stand	38.08	<b>27.00</b>
52-247-010-0	Magnetic Micrometer Stand	51.00	<b>40.00</b>

## Economy Depth Micrometers



**Save  
over 10%**

52-225-116-0

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

- Satin chrome finish
- Base surface hardened, ground & lapped
- Ratchet thimble
- Locking clamp
- .001" Graduation
- Rod diameter: .176"
- Includes shop-hardened case.

Order No.	Range	Graduation	Base	List Price	Sale Price
52-225-110-0	0—4"	.001"	2.5"	\$129.92	<b>\$113.00</b>
52-225-112-0	0—6"	.001"	2.5"	160.83	<b>137.00</b>
52-225-114-0	0—4"	.001"	4"	140.34	<b>122.00</b>
52-225-116-0	0—6"	.001"	4"	164.42	<b>142.00</b>

## Digit Counter Depth Micrometers

- Easy-to-read digit counter
- Microfine .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



**Save  
over 10%**

52-225-226-0

Order No.	Range	Graduation	Base	List Price	Sale Price
52-225-176-0	0—6"	.001"	2.5"	\$186.24	<b>\$161.00</b>
52-225-226-0	0—6"	.001"	4"	192.60	<b>167.00</b>

## IP54 Electronic Depth Micrometer



**Save  
over 15%**

Protected to  
**IP54**  
water, oil & fluid  
**RESISTANT**

- Resolution: .00005"/.001mm
- Range: 0—6"/150mm
- Hardened tool steel, precision ground and microlapped 4" base
- Rod diameter: .176"
- Protected to IP54 standards
- Automatic switch off
- Large LCD display
- Includes fitted case



Order No. 54-225-456-0

**Sale \$181.<sup>50</sup>**

List \$218.25

## X-DEPTH 22 0-22" Depth Gage

Twice the range of competitive products!

- 0-1" travel indicator
- $\pm 0.001$ " accuracy
- .001" Graduations
- Rods connect together for full 22" 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
- Includes shop-hardened case

Order No.52-125-006-1



Save over 30%



**Sale \$124.<sup>00</sup>**

List \$180.66

## X-PROOF® 0-22" Dial Depth Gage

with IP54 protection!

**BEST VALUE!**  
IP54 Shockproof indicator available!



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



All in a shop-hardened case!

Order No.52-125-007-0

Save over 45%



**Sale \$99.<sup>00</sup>**

List \$196.32

## 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
- Resolution .0005"/.01mm
- $\pm 0.001$ " accuracy
- 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

Save over 30%

**Sale \$167.<sup>50</sup>**

List \$243.49

# INDI-X<sup>blue</sup> Electronic Indicators

Available in .5"/12.5mm  
& 1"/25mm ranges!

INCH • METRIC • FRACTION

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



54-520-260-0



54-520-250-0



**Carbide-tipped point!**

Save 25%

Low Cost,  
High Quality,  
Multi-Function  
Indicators

Order No.	Description	List Price	Sale Price
54-520-250-0	1"/25mm Indi-X Blue Electronic Indicator	\$99.70	<b>\$69.00</b>
54-520-260-0	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction Electronic Indicator	102.07	<b>71.00</b>
54-520-255-0	0.5"/12.5mm Indi-X Blue Electronic Indicator	92.60	<b>61.00</b>

## Depth Base Attachment

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

**NEW!**



Save over 50%

Order No. 52-125-004-0



**Sale \$15.99**

List \$38.52

## Contact Point Set



- 22 piece set in fitted case
- Fits dial indicators with 4-48 NF thread
- Features flat, radius, cone, spline and other various styles

Order No. 52-525-222-0

**Sale \$24.00**

List \$35.70

## Contact Point Set



- 6 piece set in threaded base
- For dial indicators with American Standard Thread 4-48 NF
- Made in the USA

Order No. 52-525-065-0

**Sale \$20.00**

List \$30.60

Prices & Specifications are subject to change without notice.

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Fowler

TOOL-A-THON

Volume 16.2

# 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!

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

*NO Gimmicks  
NO Hurdles  
NO Nonsense*

## Mark VI Electronic Indicators

- Robust construction
- Water and coolant resistant
- Protection class IP-67
- Repeatability: 2µm
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Battery life: 10,000 hours of operation
- Menus 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

**Save over 10%**



Order No.	Description	Maximum Error	Resolution	List Price	Sale Price
54-530-125-0	0-.500"/12.5mm	0.0004"/.01mm	0.0005"/.01mm	\$430.75	<b>\$387.50</b>
54-530-135-0	0-.500"/12.5mm	0.00012"/.003mm	0.00005"/.001mm	535.81	<b>482.00</b>
54-530-145-0	0-1"/25mm	0.0004"/.01mm	0.0005"/.01mm	491.64	<b>442.00</b>
54-530-155-0	0-1"/25mm	0.00016"/.004mm	0.00005"/.001mm	588.34	<b>529.50</b>
54-530-175-0	0-2"/50mm	0.00019"/.005mm	0.00005"/.001mm	1113.64	<b>1002.00</b>
<b>Bluetooth</b>					
54-530-335-0	0-.500"/12.5mm	0.00012"/.0.003mm	0.00005"/.001mm	682.89	<b>614.60</b>
54-530-355-0	0-1"/25mm	0.00016"/.004mm	0.00005"/.001mm	730.22	<b>657.20</b>
<b>Accessories</b>					
54-115-246-BT	USB Bluetooth Receiver			47.33	<b>42.60</b>
<b>Analog Display</b>					
54-530-535-0	0-.500"/12.5mm	0.00012"/.0.003mm	0.00005"/.001mm	619.85	<b>557.80</b>
54-530-555-0	0-1.00"/25mm	0.00016"/.0.004mm	0.00005"/.001mm	667.69	<b>608.00</b>



# Premium Dial Indicators

**3 year  
Warranty**

with  
**Certificate of Calibration**

**NEW!**



- Popular AGD 2 series
- Various graduations available
- Jet console-black dial face with orange hand (52-520-110-1)
- Various ranges available
- Includes tolerance markers
- Solid brass housing
- Carbide contact point
- Includes certificate of calibration

52-520-110-2

52-520-110-1

**Save  
25%**

Order No.	Range	Graduation	Reading	Balanced Reading	Dial Color	List Price	Sale Price
52-520-110-1	<b>NEW</b> 1"	0.001"	0-100	—	Black Face	\$87.55	<b>\$65.00</b>
52-520-110-2	<b>NEW</b> 1"	0.001"	0-100	—	White Face	87.55	<b>65.00</b>
52-520-105-0	<b>NEW</b> 0.500"	0.001"	0-100	0-50-0	White Face	82.81	<b>62.00</b>
52-520-120-0	<b>NEW</b> 2"	0.001"	0-100	0-50-0	White Face	135.45	<b>101.50</b>
52-520-129-0	<b>NEW</b> 1"	0.0005"	0-50	0-25-0	White Face	105.88	<b>79.00</b>
52-520-135-0	<b>NEW</b> .05"	0.0001"	0-10	0-5-0	White Face	151.72	<b>113.50</b>
52-520-125-0	<b>NEW</b> 0.250"	0.0005"	0-50	0-25-0	White Face	115.57	<b>86.50</b>
52-520-127-0	<b>NEW</b> 0.250"	0.0005"	—	0-25-0	White Face	110.67	<b>82.50</b>
52-520-128-0	<b>NEW</b> 1"	0.0005"	0-50	—	White Face	129.68	<b>97.00</b>
52-520-300-0	<b>NEW</b> 10mm	0.01mm	0-100	0-50-0	White Face	99.96	<b>74.50</b>
52-520-400-0	<b>NEW</b> 5mm	0.002mm	—	0-10-0	White Face	160.65	<b>120.00</b>
52-520-500-0	<b>NEW</b> 25mm	0.01mm	0-100	0-50-0	White Face	133.28	<b>99.00</b>

## **X-PROOF**® IP54 Shockproof Indicators

**BEST VALUE!**  
IP54 Shockproof indicator available!

52-520-450-0

52-520-455-0



**Save  
over 35%**



### Protection Includes:

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

### Specifications:

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

Order No.	Description	List Price	Sale Price
52-520-450-0	X-Proof — Whiteface	\$73.65	<b>\$47.50</b>
52-520-455-0	X-Proof — Blackface	79.62	<b>51.00</b>

Prices & Specifications are subject to change without notice.

# 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: .080"
- Range: .060" inch model
- Range: 1.6mm metric model

**Save 10%**



52-562-001-0

52-562-002-0

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



**2 Xtra**  
Contact Points  
.040" & .120"  
w/ purchase

Order No.	Description	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
52-562-001-0	X-Test Indicator	.0005"	1-1/2"	0-15-0	\$124.73	<b>\$106.00</b>
52-562-002-0	X-Test Indicator	.0005"	1"	0-15-0	124.73	<b>106.00</b>
52-562-003-0	X-Test Indicator	.001"	1"	0-15-0	124.73	<b>106.00</b>
52-562-007-0	X-Test Indicator	.01mm	25mm	0-40-0	124.94	<b>106.00</b>
52-562-008-0	X-Test Indicator	.01mm	38mm	0-40-0	124.94	<b>106.00</b>

## 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



**Save over 35%**

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

**Extra Points**

.040" .120"

Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-562-774-0	white	.030"	0-15-0	.001"	1"	1/2"	\$111.76	<b>\$68.50</b>
52-562-778-0	black	.030"	0-15-0	.0005"	1"	1/2"	118.76	<b>72.50</b>
52-562-775-0	white	.030"	0-15-0	.0005"	1"	1/2"	118.76	<b>72.50</b>
52-562-776-0	white	.030"	0-15-0	.0005"	1-1/2"	1/2"	124.22	<b>77.00</b>
52-562-780-0	black	.030"	0-15-0	.0005"	1-1/2"	1/2"	124.22	<b>77.00</b>



52-563-772-0



52-563-777-0

**Save over 20%**

**Extra Points**

.040" .120"

Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
52-563-770-0	white	.008"	0-4-0	.0001"	1"	1/2"	\$118.76	<b>\$93.00</b>
52-563-771-0	black	.008"	0-4-0	.0001"	1"	1/2"	118.76	<b>93.00</b>
52-563-777-0	white	.008"	0-4-0	.0001"	1-1/2"	1/2"	118.76	<b>93.00</b>
52-563-772-0	black	.008"	0-4-0	.0001"	1-1/2"	1/2"	118.76	<b>93.00</b>

## Girod TAST Indicators

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

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



**Save  
up to  
20%**



52-562-252-0

52-562-453-0



**NEW!**

Order No.	Dial Reading	Dial Grad.	Total Range	Dial Dia.	Accuracy	Dia. Points Included	Point Length
52-562-253-0	0-4-0	0.0001"	0.008"	1"	0.00016"	0.040", 0.080" & 0.120"	0.500"
52-562-453-0	0-4-0	0.0001"	0.008"	1-1/2"	0.00016"	0.040", 0.080" & 0.120"	0.500"
52-562-252-0	0-15-0	0.0005"	0.060"	1"	0.00065"	0.040", 0.080" & 0.120"	0.800"
52-562-452-0	0-15-0	0.0005"	0.060"	1-1/2"	0.00065"	0.040", 0.080" & 0.120"	0.800"

Order No.	Description	List Price	Sale Price
52-562-253-0	Girod Tast Indicator	\$214.91	<b>\$172.00</b>
52-562-453-0	Girod Tast Indicator	235.72	<b>187.00</b>
52-562-252-0	Girod Tast Indicator	211.45	<b>169.00</b>
52-562-452-0	Girod Tast Indicator	233.48	<b>199.00</b>

Prices & Specifications are subject to change without notice.

# Fowler-Trimos V3, V4 & V5 Electronic Height Gages

The **NEW** 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.

- 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
- RS232 and USB interfaces
- 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)

**Up To 10%**

**All V Models Include:**

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

**Free Swiss Knife & Fowler Hat with Any V3, V4 & V5 purchase!**



54-191-440-0

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	<b>NEW</b> V3 Height Gage	16"/407mm	\$4366.62	<b>\$4015.00</b>
54-192-370-0	<b>NEW</b> V3 Height Gage	28"/711mm	4814.40	<b>4428.00</b>
54-191-440-0	<b>NEW</b> V4 Height Gage	16"/407mm	5751.78	<b>5290.00</b>
54-191-470-0	<b>NEW</b> V4 Height Gage	28"/711mm	6691.20	<b>6155.00</b>
54-199-540-0	<b>NEW</b> V5 Height Gage	16"/407mm	6339.30	<b>5673.00</b>
54-199-570-0	<b>NEW</b> V5 Height Gage	28"/711mm	7512.30	<b>6723.00</b>
54-199-590-0	<b>NEW</b> V5 Height Gage	43"/1100mm	11620.86	<b>10400.00</b>
<b>Probe Sets</b>				
54-199-105-0	21 pc. Micro Probe Set		\$1679.94	<b>\$1595.00</b>
54-199-106-0	16 pc. Macro Probe Set		1253.58	<b>1190.00</b>
54-199-107-0	7 pc. Economy Probe Set		445.00	<b>420.00</b>

# Fowler-Trimos Height Gage Probe Kits

## 4mm Probe Set

- Case  
54-199-502-0 Disc-shaped insert  $\varnothing$  7.7mm  
Disc-shaped insert  $\varnothing$  11.5mm  
Corner insert 1mm  
54-199-503-0 Measuring insert holder for: M2.5, M1.6, M1.4  
54-194-948-0 Insert holder L=80mm M2.5  
54-199-507-0 Insert holder 90° L=80mm  $\varnothing$  4mm  
54-199-508-0 Measuring insert holder  $\varnothing$  1mm  
54-199-512-0 Ruby Ball Probe  $\varnothing$  2mm  
54-199-509-0 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

**Save 5%  
Probe Sets**



## 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

**Save 5%  
Probe Sets**



## Economy Probe Set

- Case  
54-199-523-0 Disc-shaped insert  $\varnothing$  18mm  
54-199-504-0 Measuring insert M2.5 with ball contact  
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

**Save 5%  
Probe Sets**

## 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	<b>\$1595.00</b>
54-199-106-0	8mm Probe Set, 16 piece	1253.58	<b>1190.00</b>
54-199-107-0	8mm Probe Set, 7 piece	445.00	<b>420.00</b>
54-199-400-0	12"/300mm Holder — for 8mm probes	940.34	<b>890.00</b>

# CHROME FLEX MAG SET

with Anyform Base and X-PROOF Indicator

**NEW!**



**Flex Arm Anyform Mag Base features:**

- 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 features:**

**Specifications:**

- 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



**All in a shop-hardened case.**

Order No.	Description	List Price	Sale Price
52-585-245-0	Chrome Flex Mag w/Anyform Base and X-Proof Indicator Set - Whiteface	\$185.00	<b>\$150.00</b>
52-585-255-0	Chrome Flex Mag w/Anyform Base and X-Proof Indicator Set - Blackface	185.00	<b>\$150.00</b>

# HOLDXTEC Holding Systems

- All accept 3/8" indicators
- Mag base and HOLD-TEC with fine adjust also accepts 8mm indicators
- All have dovetail clamps for test indicators
- Mag base features 2 fine adjusts making it a **6-Axis Mag Base**
- HOLD-TEC can be mounted in drill chucks, collets, dial gage stands with 8mm mount diameter to make a quick transfer stand
- Mag base has 180 lb. pull
- Adjust to any position
- Powerful On/Off mag base
- Central locking system



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

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



52-585-085-0  
(Indicator not included)

**MACHINIST GRADE!**  
For MAXIMUM Precision

Order No.	Description	List Price	Sale Price
52-585-085-0	HOLD-Tec Mag Base with Double Fine Adjust	\$156.25	<b>\$98.00</b>
52-565-036-0	HOLD-Tec without Fine Adjust	87.76	<b>\$55.00</b>
52-565-038-0	HOLD-Tec with Fine Adjust	95.38	<b>\$60.00</b>

## Extender 1.4" to 6" or 35mm to 160mm Dial Bore Gage Sets with Carbide Anvils

# XTENDER

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

TOOL-A-THON  
BEST SELLER!  
FOWLER HIGH PRECISION

### Carbide Anvils

- Easy-to-read
- Economical
- Graduation: .0005" or .01mm
- Insulated grip
- 1.4" to 6" range or 35 to 160mm
- Chrome plated handle
- Includes extension holder and fitted case



52-646-400-0



**40% off** — 52-646-400-0 & 52-646-220-0 Sets  
**25% off** — 52-646-500-0 Set

Order No.	Description	Graduation	List Price	Sale Price
52-646-400-0	Inch X-Tender Bore Gage Set	0.0005"	\$185.40	\$110.00
52-646-500-0	Inch X-Tender Bore Gage Set	0.0001"	231.75	173.50
52-646-220-0	Metric X-Tender Bore Gage Set	0.01mm	204.87	120.00

## Dial Bore Gage Sets with Carbide Anvils

### Carbide anvils

- Easy-to-read
- Economical
- Graduation: .0005"
- Chrome plated handle
- Insulated grip
- Includes extension holder and fitted case



52-646-100-0



52-646-300-0



Order No.	Description	Range	List Price	Sale Price
52-646-100-0	Dial Bore Gage Set	.7—1.5"	\$147.60	\$110.00
52-646-300-0	Dial Bore Gage Set	2—6"	121.95	105.00

## Extender-E Electronic 1.4" to 6" Dial Bore Gage Set

# XTENDER-E

Industry's two most popular bore gage ranges combined in one easy-to-use ELECTRONIC set!

All the same benefits included in the X-Tender Dial Bore Gage are now available with an electronic indicator providing inch/metric reading capability. Preset size of master for absolute reading and 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
- Easily adjustable
- Self-centering
- Includes extension holder
- Shop hardened case

### Indicator Features:

- Dual reading inch/metric electronic indicator
- Bar graph and numeric digital display
- Resolution: .00005"/.001mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR

TOOL-A-THON  
BEST SELLER!  
FOWLER HIGH PRECISION



Save  
over 20%

For instructional video search  
"X-tender Bore Gage" at [www.youtube.com](http://www.youtube.com)

Order No. 54-646-401-0

**Sale \$255.00**

List \$320.33

Prices & Specifications are subject to change without notice.

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Volume 16.2

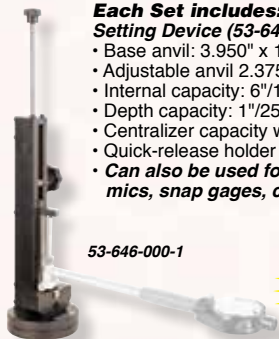
## Bore Gage Setting Master Kit - Inch & Metric

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 .0001"/.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)**



53-646-000-1

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

### Economy Gage Block Sets

#### Inch model:

- 36 piece
- Tolerances to .00005"
- Certificate of Calibration to N.I.S.T.

#### Metric model:

- 33 piece
- AS-2 grade
- Certificate of Calibration to N.I.S.T.

Order No.	Description	List Price	Sale Price
53-646-000-1	Inch Bore Gage Setting Master Kit	\$297.47	<b>\$221.00</b>
53-646-010-0	Standard Metric Bore Gage Setting Master Kit — <b>SPECIAL PRICE!</b>	309.98	<b>195.00</b>

## X-TENDED RANGE Minus and Plus Tolerances

Ideal for checking hole size, location, gage slots, distance between holes, go/no-go gaging and setting other gages and micrometers.



**Two ranges in one set!**  
.011" — .060" & .061" — .250"

53-880-823-0

- Class ZZ
- Black oxide finish offers extra protection against corrosion and rust, promotes longer life, and highlights wear trends that enables calibration to be performed more effectively
- 240 pcs
- Range: 0.011" - 0.250" in .001" increments.
- Set includes 2 handles and our X-Glide all purpose teflon lubricant
- Certificate of accuracy traceable to N.I.S.T. and registered ISO 9001

**Over \$75.00 off**

Order No.	Description	Accuracy	List Price	Sale Price
53-880-823-0	Plus Pin Gage Set	+0.0002"-0.0000"	\$241.54	<b>\$165.00</b>
53-880-833-0	Minus Pin Gage Set	+0.0000"-0.0002"	241.54	<b>165.00</b>

## Pin Gage Handles



53-885-000-0



53-885-001-0

**Save 15%**

- 8 sizes cover a full range of pin gages (.011" - 1.0")
- Color coded handle for GO, NO/GO applications
- Both handle and collets are made of aluminum for pin protection
- Collets are spring loaded and self-centering

Order No.	Description	List Price	Sale Price
53-885-000-0	.011" — .060"	\$19.08	<b>\$16.00</b>
53-885-001-0	.061" — .250"	22.45	<b>19.00</b>
53-885-002-0	.251" — .500"	26.38	<b>22.00</b>
53-885-003-0	.501" — .625"	29.19	<b>24.50</b>
53-885-004-0	.626" — .750"	35.70	<b>30.30</b>
53-885-005-0	.751" — .832"	38.96	<b>33.00</b>
53-885-006-0	.833" — .916"	43.26	<b>36.50</b>
53-885-007-0	.917" — 1.0"	48.72	<b>41.40</b>
53-885-008-0	All Sizes .011" — 1.0"	248.75	<b>211.00</b>



## Metric Rectangular Gage Block Set

- Grade  $\emptyset$
- 87 piece set
- Constructed of a special steel of high carbon & chrome content, hardened to 65RC, ensures hard wear resistance and stability
- Manufactured under carefully controlled conditions to ensure maximum accuracy, parallelism and flatness
- Calibrated to Fowler specifications which meet or exceed ASME B89.1.9-2002
- Sets include certification traceable to the National Institute of Standards & Technology
- Surface finish: .4 millionths (.01 microns)
- Price includes fitted wood case

**NEW!**



No. Blocks	Blocks Included
87	2 Blocks .05mm to 1.00mm 9 Blocks 1.001mm thru 1.009mm in steps of .001mm 50 Blocks 1.01mm thru 1.50mm in steps of .01mm 17 Blocks 2mm thru 10mm in steps of .5mm 9 Blocks 20mm thru 100mm in steps of 10mm

Order No. 53-671-053-0

**Sale \$630.00**

List \$854.08

**Save over 25%**

## SHOP-BLOX<sup>®</sup> Rectangular Gage Block Sets



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

- 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  $\pm 0.00005$ "
- In high-quality fitted wood case

53-672-081-0

**Save over 30%**



Order NO.	Description	List Price	Sale Price
53-672-036-0	36 piece Economy Rectangular Gage Block Set	\$303.13	<b>\$211.00</b>
53-672-081-0	81 piece Economy Rectangular Gage Block Set	518.44	<b>360.00</b>

## 12 Piece Angle Block Set

- Precision ground hardened steel.
- Blocks: 1/4", 1/2", 1", 2", 3", 4", 5", 10", 15", 20", 25" and 30"
- Angular accuracy :  $\pm 30$  arc seconds
- Set up angles quickly and easily
- All blocks 3" long x .25" thick
- Complete in "Shop Hardened" case



Order No. 52-666-777-0

**Sale \$135.00**

List \$173.25

Prices & Specifications are subject to change without notice.

**Fowler**

**TOOL-A-THON**

**Volume 16.2**

# 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: .05°
- Accuracy: ±.2°
- Repeatability: .05°
- Hold feature

**Dimensions:**

**L: 2.375" x W: 1.375" x H: 2.375"**

**Order No. 54-422-450-1**



Display inverts for easy reading!



**Sale \$49.99**

List \$94.97

## 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.

- Embedded 25 lb. pull magnets
- Full, 360° measuring range
- Accuracy: ±.2°
- Repeatability: ±.05°
- Resolution: .05°
- Invertible display feature
- Voltage: Standard 3V lithium battery



54-440-740-1



54-440-775-1

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	\$86.70	\$50.00
54-440-775-1	12" Digi-Pro Electronic Protractor	103.94	60.00

## COAX-2D 2 Dimensional Coaxial Indicator Sets

Use the 2D Coaxial Set for accurate component centering and positioning in most machining applications. The 2D Coaxial indicator can be used at any angle and the dial remains stationary during the rotation of the machine spindle.

**Features:**

- Indicator assembly with 1.6" (42.5mm) diameter dial
- Graduations and revolution counter .0005" (.01mm)
- 3 Internal and 3 External feelers
- Center point feeler
- Restraining arm
- Complete in a fitted case

**GREAT SHOP TOOL!**

**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: .250" (6mm) axis offset
- Speed—recommended not to exceed approx. 800 RPM
- Repeatability to within .0002" (.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



Save over 25%

52-710-025-0

Order No.	Description	List Price	Sale Price
52-710-025-0	2D Coaxial Set-Inch	\$238.99	\$160.50
52-710-030-0	2D Coaxial Set-Metric	243.67	173.80

## Electronic Height Gage

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



- Large base for easy movement
- True inch/metric conversion
- Range: 0—20"/500mm
- Resolution: .0005"/.01mm
- Accuracy:  $\pm 0.0025"$
- Repeatability: .0005"/.01mm ( $\pm 2s$ )
- 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 .4"
- Presetable display

**Save  
35%**



Order No. 54-106-020-0

**Sale \$258.00** List \$401.60

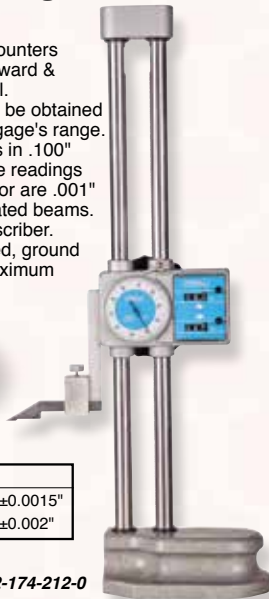
## Twin Beam Dial Height Gages

- Separate digit counters register both upward & downward travel.
- Zero setting can be obtained throughout the gage's range.
- Coarse readings in .100" graduations: fine readings taken on indicator are .001"
- Dual chrome plated beams.
- Carbide-tipped scriber.
- Base is hardened, ground & lapped for maximum flatness.

**Save  
over 30%**

Accuracy	
52-174-212-0	$\pm 0.0015"$
52-174-224-0	$\pm 0.002"$

52-174-212-0



Order No.	Range	List Price	Sale Price
52-174-212-0	12"	\$355.25	<b>\$240.00</b>
52-174-224-0	24"	723.68	<b>445.00</b>

## Quick Check Multi-Function Check Standard



**Check 10 Types of  
Tools with 1 Master!**

- 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 \$1335.00**

List \$1580.74

Prices & Specifications are subject to change without notice.

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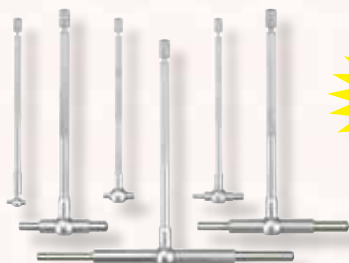
TOOL-A-THON

Volume 16.2

## Telescoping Gage Sets

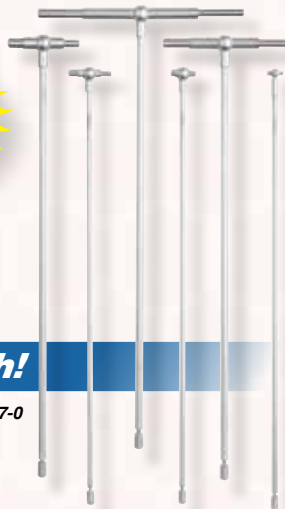
Another great tool for easy and accurate measurements. Under spring tension, the plungers of the gage expand from the center to the size of the hole being measured and are then locked in place using the knurled knob. Final hole size is obtained by measuring over the contacts with a micrometer or vernier caliper.

- Contact points are constructed of hardened tool steel, precision ground.
- Double action rigid handle with self-centering feature for quick checking of inside measurements
- Constant spring tension for uniform feel
- 52-470-006-0 covers a measuring range of 5/16" to 6" with measurable depths of 4" to 5"
- 52-470-007-0 covers a measuring range of 5/16" to 6" with measurable depths of 12"
- 52-470-000-0 Titanium Coated, 5/16" to 6" with measurable depths of 4" to 5"
- Includes fitted vinyl case



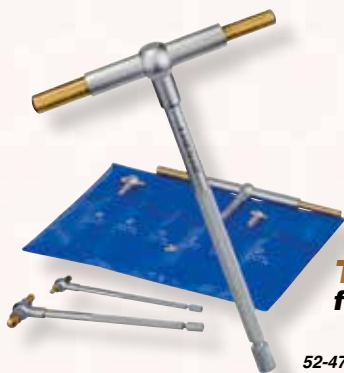
52-470-006-0

**Save  
over 30%**



**12" Reach!**

52-470-007-0



52-470-000-0

**Titanium Coated  
for added wear protection!**

Order No.	Description	List Price	Sale Price
52-470-006-0	6" Telescoping Gage Set	\$103.84	<b>\$70.00</b>
52-470-007-0	12" Telescoping Gage Set	125.05	<b>85.00</b>
52-470-000-0	Titanium coated 6" Telescoping Gage Set	115.46	<b>79.00</b>

## Screw Pitch Gages

- Narrow designed blades permit use for internal and external screw threads
- Locking device at each end to secure all blades for storage or position
- Correct pitch is determined by matching blade teeth with threads
- Precisely ground and finished
- Blades marked with thread size



52-485-015-0

**Save  
over 15%**

Order No.	Description	List Price	Sale Price
<b>Inch Series</b>			
52-485-015-0	Screw Pitch Gage with 30 blades: 4 to 42 pitch standard V thread	\$11.34	<b>\$9.50</b>
<b>Metric Series</b>			
52-485-020-0	Screw Pitch Gage with 24 blades: 0.25mm to 6.0mm	11.34	<b>9.50</b>

# RULES

## EZ-Read Black Face Rules

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



52-297-006-0



52-330-006-0

**Save  
over 10%**

### GRADUATIONS

**4R:** 8ths, 16ths, 32nds, 64ths

**5R:** 32nds, 64ths, 10ths, 100ths



52-299-006-0

## Golden Rules

- Titanium coated for superior wear resistance
- Non-glare finish=RC80
- Scratch resistant micro-fine graduations with excellent clarity and contrast

## RIGID STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
52-330-006-0	Satin Chrome	6"	4R	\$11.72	<b>\$10.00</b>
52-337-006-0	Black	6"	4R	9.89	<b>8.40</b>
52-339-006-0	Golden	6"	4R	24.40	<b>20.75</b>
52-330-012-0	Satin Chrome	12"	4R	20.32	<b>17.30</b>
52-337-012-0	Black	12"	4R	20.32	<b>17.30</b>
52-339-012-0	Golden	12"	4R	46.76	<b>39.75</b>
52-340-006-0	Satin Chrome	6"	5R	11.29	<b>9.60</b>
52-347-006-0	Black	6"	5R	9.89	<b>8.40</b>
52-349-006-0	Golden	6"	5R	24.40	<b>20.75</b>
52-340-012-0	Satin Chrome	12"	5R	18.49	<b>16.25</b>
52-347-012-0	Black	12"	5R	20.32	<b>17.30</b>
52-349-012-0	Golden	12"	5R	46.76	<b>39.75</b>

## FLEXIBLE STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
52-295-006-0	Satin Chrome	6"	4R	\$11.29	<b>\$9.60</b>
52-297-006-0	Black	6"	4R	9.25	<b>7.85</b>
52-299-006-0	Golden	6"	4R	23.97	<b>20.30</b>
52-295-012-0	Satin Chrome	12"	4R	17.31	<b>15.00</b>
52-297-012-0	Black	12"	4R	14.19	<b>12.50</b>
52-299-012-0	Golden	12"	4R	43.00	<b>36.55</b>
52-300-006-0	Satin Chrome	6"	5R	11.29	<b>9.60</b>
52-307-006-0	Black	6"	5R	9.25	<b>7.85</b>
52-309-006-0	Golden	6"	5R	23.97	<b>20.40</b>
52-300-012-0	Satin Chrome	12"	5R	17.31	<b>14.70</b>
52-307-012-0	Black	12"	5R	14.19	<b>12.30</b>
52-309-012-0	Golden	12"	5R	43.00	<b>36.55</b>

## Thickness Gages

- Each leaf of the thickness gage made of fine tempered steel, hardened
- The exact thickness is marked on each leaf
- Steel case with lock nut
- Meets U.S. Federal Specifications



52-485-010-0

**TOOL-A-THON  
BEST SELLER!**  
FINISHED STEEL PRODUCT

**Save  
up to  
40%**

Order No.	Description	List Price	Sale Price
52-485-006-0	Tapered Thickness Gages-Inch.26 Leaf Set: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024" and .025". Length: 3".	\$16.56	<b>\$14.25</b>
52-485-010-0	Tapered Thickness Gages-Metric. 20 Leaf Set: 0.05mm, 0.10mm, 0.15mm, 0.20mm, 0.25mm, 0.30mm, 0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.55mm, 0.60mm, 0.65mm, 0.70mm, 0.75mm, 0.80mm, 0.85mm, 0.90mm, 0.95mm and 1mm. Length: 100mm.	\$18.90	<b>\$11.00</b>

Prices & Specifications are subject to change without notice.

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**Volume 16.2**

## Combination Square

- Blades are chrome plated, fully hardened and tempered,
- Square head has level and scriber point
- Double indexed protractor is graduated 180° in both directions
- 52-370-012-0 graduated in 8ths, 16ths, 32nds and 64ths
- 52-378-006-0 graduated in 30nds, 64ths, 50ths and 100ths

**Save 25%**



52-370-012-0

Order No.	Description	List Price	Sale Price
52-370-012-0	Square, Protractor and Center Head with 12" blade	\$200.58	<b>\$150.00</b>
52-373-012-0	2 piece Square Head with 12" Blade	91.38	<b>68.50</b>

## Cylindrical Squares

- Used for checking squares, height gages and other instruments
- Hardened and the ends are lapped to 90° angular accuracy
- 6" cylindrical squares: ±.0001"
- 12" cylindrical square: ±.00015"
- Includes handles and wood case

**Save 10%**



Order No.	Description	List Price	Sale Price
52-750-006-0	6" cylindrical square	\$189.32	<b>\$170.00</b>
52-750-012-0	12" cylindrical square	270.38	<b>240.00</b>

## Height Transfer & Squareness Gage

- 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.

**Save 50%**

*(Indicator and standard shown not included)*



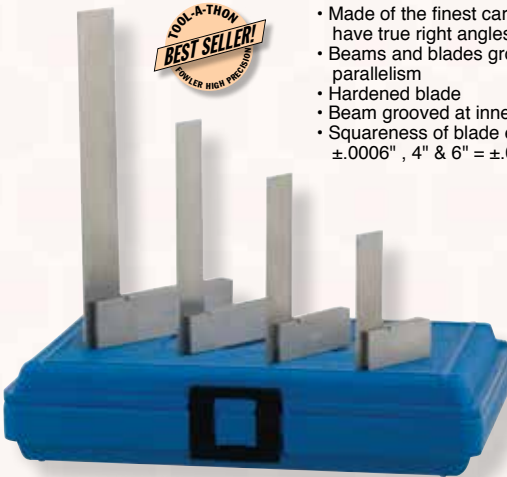
Order No. 53-620-010-0

**Sale \$158.00**

List \$317.95



# Steel Squares & Sets



52-432-246-0

- Made of the finest carbon tool steel, these economy squares have true right angles both inside and outside
- Beams and blades ground and lapped for straightness and parallelism
- Hardened blade
- Beam grooved at inner corner for clearance of burrs and dirt
- Squareness of blade edge to the working face: 2" & 3" =  $\pm 0.0006"$ , 4" & 6" =  $\pm 0.0008"$ , 9" & 12" =  $\pm 0.0012"$

Blade Size	Beam Size
2"	1.5"
3"	2.5"
4"	3"
6"	4"
9"	6"
12"	8"

Sets come complete in a "Shop Hardened" molded case!

Order No.	Size/Description	List Price	Sale Price
52-432-444-0	3 Piece Square Set: 2", 4" & 6" with shop hardened case	\$61.49	<b>\$54.00</b>
52-432-246-0	4 Piece Square Set: 2", 3", 4" & 6" with shop hardened case	73.21	<b>63.00</b>
52-432-469-0	4 Piece Square Set: 4", 6", 9" & 12" with shop hardened case	155.00	<b>129.00</b>
52-432-004-0	4" Square only	22.15	<b>18.50</b>
52-432-006-0	6" Square only	24.62	<b>20.85</b>
52-432-009-0	9" Square only	49.24	<b>41.85</b>
52-432-012-0	12" Square only	83.64	<b>74.00</b>

## Bevel Edge Squares

- Squares have accurate right angles both inside and outside.
- Made from a single piece of fully seasoned tool steel.
- Matte finish
- Beams and blades are ground and lapped for straightness and parallelism. Blades beveled both edges of each side.
- Squares fully hardened to Rockwell 55C.
- Packed in individual carton.
- Designed for layout & measurement work.
- Accuracy =  $.00008" + \frac{\text{Length (blade)}}{100,000}$



52-426-002-0

Order No.	Blade Length	Beam Length	List Price	Sale Price
52-426-002-0	2-3/8"	1-3/8"	\$35.12	<b>\$30.00</b>
52-426-003-0	3-1/8"	2"	42.44	<b>36.00</b>
52-426-004-0	4"	3"	46.76	<b>42.00</b>
52-426-005-0	5"	3"	73.65	<b>62.60</b>
52-426-006-0	6-3/4"	4"	55.83	<b>49.00</b>
52-426-008-0	8-1/2"	5-1/8"	83.95	<b>71.35</b>
52-426-010-0	10-1/2"	6-3/8"	102.49	<b>87.10</b>

Prices & Specifications are subject to change without notice.

## 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 \$81.50

## 2-4-6 Blocks

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



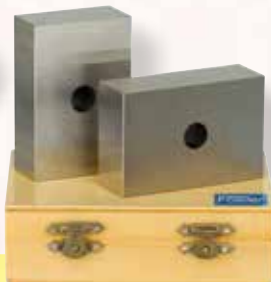
Order No. 52-439-246-0

**Sale \$125.00**

List \$211.67

## Steel 1-2-3 Blocks

- Tolerance: .0001" (squareness per inch)
- Dimensions: 1" x 2" x 3"
- Hardened to 58-60 Rockwell C.
- Matched accuracy within  $\pm 0.0002"$



Order No. 52-439-001-0

**Sale \$65.00**

List \$137.20

## Planer and Shaper Gage



- 1/4" to 6-1/4" range
- Base size 3/4" x 5"
- Extensions 1" and 3"
- Base and slide are beveled to provide accurate alignment and parallelism
- Base and slide are hardened
- Supplied with 1" and 3" extension posts, maximum height 6-1/4"
- Precision level ensures accuracy
- Platform has extra tapped holes to accommodate post for dial indicators and other accessories
- Fitted wood case



Order No. 52-460-005-0

**Sale \$191.00**



List \$382.58



## 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:  $\pm 0.001"$
- Paired in height:  $\pm 0.001"$
- Hardness: 50 HRC

Order No. 52-437-031-0

**Sale \$185.00** List \$237.00

## 1/8" Parallel Sets

- 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
- 52-437-125-0 Paired in height:  $\pm 0.0015"$
- 52-437-000-0 Paired in height:  $\pm 0.001"$



52-437-125-0

Order No.	Description	List Price	Sale Price
52-437-000-0	1/8" Parallel Set	\$229.01	<b>\$150.00</b>
52-437-125-0	1/8" Premium Parallel Set	287.23	<b>242.00</b>

## 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 \$275.00** List \$352.21

## 1/2" Parallel Set

- Set of four pairs of parallels are hardened and ground. A must for every shop.
- Sizes: 1", 1-1/4", 1-1/2" and 1-3/4" in height x 6" long with 5/16" holes
- 1-1/2" and 1-3/4" parallels are 1/2" thick
- 1" and 1-1/4" parallels are 3/16" thick
- Width & height variations: maximum .0004"
- Includes fitted case

Order No. 52-437-001-0



**Sale \$130.00** List \$216.30

## Magnetic V-Block

- Permanent, powerful magnet
- Faces and V accurately ground
- Parallelism and squareness: .0008"
- V central to .008"
- The 52-585-070 features working surfaces that are hardened to 35-45 HRC.
- The holder exerts a magnetic force on the upper, lower and V-channel surfaces. Magnetic force is simply switched off by means of a lever.
- On-off switch for positioning and removal.
- Includes fitted carton box

**NEW!**



**Save 40%**

52-585-075-0

Order No.	Overall Dimensions	List Price	Sale Price
52-585-070-0	2-3/8" wide x 4-7/8" long x 2-7/8" high	\$177.24	\$100.00
52-585-075-0	2-3/8" wide x 4" long x 3-7/8" high	253.07	150.00

## All-Angle V-Block

- For grinding, milling or drilling
- Made of hardened and precision ground tool steel
- Sides are parallel and vee is central and ground to .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"
- Includes clamp

**Save 35%**



Order No. 52-475-050-0

**Sale \$49.00**

List \$76.54

## V-Block Set

The Fowler Universal-type V-Block is a precise tool used for layout work in the tool room and has the capability of holding square or round workpieces with greater accuracy.

- 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 .0004"
- Matched pair of V-Blocks are perfectly aligned with 90 degree V-grooves ground central and parallel to the sides and base

**Save over 25%**



Order No. 52-475-555-0

**Sale \$170.00**

List \$234.40

## 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 .0005"
- V-grooves are square and parallel with all surfaces within .0005"
- Corresponding dimensions for each pair are alike within .0005"
- All enclosed in shop-hardened case

Order No. 52-475-500-0

Save  
15%



**Sale \$104.00**

List \$122.44

## V-Block Set

- Parallel and square within .0003".
- Dimensions: 1-3/8" x 1-3/8" x 1-3/16"
- Reversible swing-away clamps
- Ø capacity: .130" to 1.285"
- Versatile clamp plus unique offset hole pattern in top of blocks, offers a large variety of clamping possibilities.

Save  
40%



Order No. 52-475-001-1

**Sale \$30.00**

List \$52.32

## Mini-Vee Combo Set

- Use this universal holding tool for small, miniature or intricate parts.
- Ideal for holding, grinding/indexing punches and pins, drilling, milling, EDM, inspection on optical comparators.
- Capable of holding parts as small as a paper clip.
- Capacity: .030" to 9/32"
- Furnished with bridges to straddle long workpieces, allowing top hold-down screw of V-Block clamp to be utilized.
- Hardened and high precision ground. Squareness and parallelism within .0002".
- Set contains 2 Mini-Vee Blocks, size A .030" - 5/32" cap. and size B .050" - 9/32 cap., Bridge A and B plus 5 upper prisms, 1/8", 5/32" and 3/16" cap
- All in a shop hardened case

**NEW!**



Order No. 52-475-110-0

**Sale \$185.00**

List \$208.62

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TOOL-A-TTHON

Volume 16.2

## 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: .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	.200"	1/2"	NO	12 volt	\$33.11	<b>\$25.00</b>
54-575-625-0	.200"	1/2"	NO	12 volt	116.75	<b>91.00</b>
54-575-650-0	.400"	3/4"	YES	12 volt	116.75	<b>91.00</b>

## 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: .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 \$60.00**

List \$97.03



## Fowler On-Mark Optical Center Punch

Place the acrylic lens in the holder to easily and accurately site in the area on the workpiece to be punched. Replace the lens with the center punch and quickly and accurately mark the workpiece.

- Efficient and precision punching of hole centers
- Magnified center dot and circle for accurate punching
- Used for marking, punching, stoking and riveting
- 9x acrylic lens



Order No. 52-500-075-0

**Sale \$75.00**

List \$86.00



## Screw Jack Set

- Up to 1000 lbs.
- Range: 2.25" to 3.375"
- Jack base diameter: 1.25"
- 1" and 2" extension bases
- Extensions may be combined
- Includes shop-hardened case



Order No. 52-104-000-0

**Sale \$24.00**

List \$27.40

## Machinist Screw Jack Set

- Set consists of 2 machinists jacks supplied in a shop-hardened case.
- Individual jacks consist of a heavy, steel cast base with adjustable steel screw and tilting swivel head, with a lock nut for permanent positioning.
- 1-1/2" jack base for added stability.
- Range: Min: 3"; Max: 4"
- Lifting capacity: 1000 lbs.



Save  
over 30%

Order No. 52-104-025-0

**Sale \$12.50**

List \$18.01

## MAX-JACK<sup>®</sup>

## Heavy-Duty Screw Jack

- Simplify set-up applications on all machine and inspection operations.
- Adjustable from 4.5" to 8"
- Quick-acting height adjustment.
- Fine adjust ring for easy leveling.
- Height locking ring
- Lifting capacity 2000 lbs. (approx.)



Save  
over 20%



52-104-050-0 and 055-0  
Adjustable from 4.5" to 8"



Order No.	Description	List Price	Sale Price
52-104-050-0	Max-Jack Screw Jack	\$117.73	<b>\$89.00</b>
52-104-055-0	Pair of Max-Jack Screw Jacks (2 each)	226.38	<b>178.00</b>

Prices & Specifications are subject to change without notice.

## Diamond File & Deburring Set



**DIAMOND IMPREGNATED**  
for use on even the  
**HARDEST ALLOYS!**

**Set includes:**

- 1 handle, providing maximum grip comfort.
- 5 piece set of diamond impregnated files consisting of a round, flat, square, triangle and half-round file, 5-1/2" long with 2-1/2" length of cut.
- 2 triangular scraper/deburring tools (single and double ended).
- Fitted storage case.



Order No. 52-483-666-0



**Sale \$39.99**

List \$69.94

## 12 Piece Swiss Pattern File Sets

Fowler Swiss Pattern Files are fine precision cutting tools used by tool and die makers, model makers, delicate instrument and part finishers for a variety of filing jobs. Made to closer tolerances than American pattern files, they are primarily finishing tools for removing burrs, truing narrow grooves, notches, keyways, cleaning corners, smoothing small parts and similar jobs.



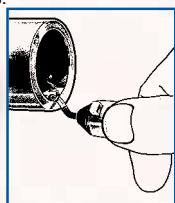
Order No.	Length	Cut No.	List Price	Sale Price
55-130-060-0	6"	#0	\$21.50	\$9.99
55-130-062-0	6"	#2	21.50	9.99

## Deburring Cutter



- "Quick-change" thumb operated button for instant removal, insertion and locking of new blades.
- Supplied with three blades: 1) for steel and aluminum, 2) for brass and cast iron, 3) for straight edges on all types of metals.
- Hollow handle with a removable end cap for storage of blades.
- Unique rounded head blades for safe deburring of drilled and machined holes, end milled areas, tubing, backside of holes and an almost unlimited amount of uses.
- Curved blades swivel freely to automatically follow shapes, contours and holes.
- Molded to comfortably fit the user's hand without slippage or fatigue.

Order No. 52-483-003-0



**Sale \$9.99**

List \$15.14

## 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 \$39.99**

List \$59.89

## Rapid Burr

- "Quick-change" thumb operated button for instant removal, insertion and locking of new blades.
- Supplied with a blade for steel and aluminum.
- Unique rounded head blade for safe deburring of drilled and machined holes, end milled areas, tubing, backside of holes and an almost unlimited amount of uses.
- Curved blades swivel freely to automatically follow shapes, contours and holes.
- Adapts to all S-blades
- Molded to comfortably fit the user's hand without slippage or fatigue.

**Save 40%**



for steel & aluminum

Order No. 52-483-025-0



**Sale \$4.99**

List \$6.90

## 4 Piece Deburring Cutter Set



**Save over 25%**

- Colored sleeves rotate to lock and unlock blades for easy changing.
- Unique rounded head blades for safe deburring of drilled and machined holes, end milled areas, tubing, backside of holes and an almost unlimited amount of uses.
- Curved blades swivel freely to automatically follow shapes, contours and holes.

Order No. 52-483-777-0

**Sale \$10.99**

List \$15.55

Fowler

TOOL-A-THON

Volume 16.2

### Pocket Steel Scriber



- Overall length 5.625"
- Aluminum knurled steel tubing body
- Chuck holds hardened tempered scriber point, which is removable and replaceable

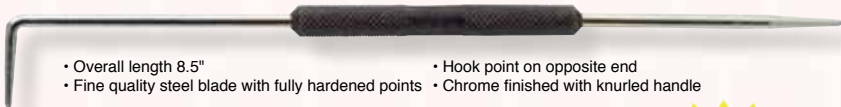
Order No. 52-515-005-0

**Sale \$3.99**

List \$4.99

**Save 20%**

### Point Steel Scriber



- Overall length 8.5"
- Hook point on opposite end
- Fine quality steel blade with fully hardened points
- Chrome finished with knurled handle

Order No. 52-515-025-0

**Sale \$3.99**

List \$4.99

**Save 20%**

### 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"	\$33.60	<b>\$25.00</b>
52-500-055-0	Carbide Refill		10.29	<b>8.00</b>

### Pocket Carbide Scriber



- Lightweight
- Retractable carbide tip
- Fluted grip
- Blue anodized aluminum body
- Pocket clip

Order No.	Description	Overall Length	List Price	Sale Price
52-500-000-0	Pocket Carbide Scriber	6.0"	\$16.83	<b>\$10.00</b>
52-515-046-0	Carbide Refill		6.13	<b>4.00</b>

### 2 in 1 Scriber & Center Punch

- Contains a carbide tipped scriber and a steal center punch all in 1 tool
- Carbide tip is reversible for double the life
- Knurled finger grip
- 1/8" center punch tip
- Supplied with convenient pocket clip



**Remove Scriber Tip To Access Center Punch Below!**



Order No. 52-500-060-0

**Sale \$4.99**

List \$9.49



**Save over 45%**



## Drive Pin Punch Sets

- Housing finished in black nitrate. Made of chrome alloy steel. Hardened on both ends.
- Knurled finger grip for easy handling
- Length is 4"
- Includes fitted case



52-500-200-0



Order No.	Description	Point Sizes	List Price	Sale Price
52-500-200-0	4 Drive Pin Punch Set	3/16", 7/32", 1/4" & 5/16"	\$13.00	<b>\$10.00</b>
52-500-255-0	8 Drive Pin Punch Set	1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" & 5/16"	18.41	<b>14.00</b>

## Extra Long Drive Pin Punches

- Black nitrate finished housing. 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 \$14.00**

List \$17.16



## Center Punch Set

- Housing finished in black nitrate
- Chrome alloy steel; hardened both ends
- Knurled finger grip for easy handling
- All sizes marked for fast and easy use
- Point sizes 3/64", 5/64", 7/64", 9/64" and 11/64"
- Includes fitted case

Order No. 52-500-015-0

**Sale \$10.00**

List \$12.27



## Transfer Punch Sets

- Punches are made of hardened and tempered tool steel, black oxide finished
- All sizes are marked and diameters are slightly undersized for easy handling
- Set supplied with index stand



52-482-028-0 Model Only

52-482-028-0



52-482-030-0



Order No.	Description	Range	List Price	Sale Price
52-482-028-0	28 pc. Transfer Punch Set	3/32" to 1/2"	\$51.40	<b>\$30.00</b>
52-482-030-0	33 pc. Transfer Punch Set	1/2" to 1"	89.35	<b>65.00</b>

Prices & Specifications are subject to change without notice.

## 10x Pocket Optical Comparator Set



### 9 reticles and Illuminator Attachment

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

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

Order No. 52-664-609-0

**Sale \$124.<sup>00</sup>**

List \$142.66

## Optical Comparator with Accessory Package



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

**Save  
over 15%**

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

- 10X Lens
- 12" 1 Quadrant protractor screen
- T-slot stage with 6" horizontal travel and 2.5" vertical travel.
- 1 pair of t-slot mounted V-blocks
- 1 pair of t-slot mounted centers
- 2 Electronic AGD 2 Indicators: 1"/25mm capacity with .0005"/.01 resolution

Order No.	Description	List Price	Sale Price
53-900-100-0	Optical Comparator with Accessory Package	\$2549.30	<b>\$2100.00</b>
53-900-000-0	12" Basic Bench Top Optical Comparator	2400.72	<b>2000.00</b>

# LED Magnifiers

- Economical and easy-to-use
- Built-in illumination for easy viewing
- Perfect for checking intricate parts and small mechanisms
- White LED bulb and Ultraviolet LED bulb
- 200 hour battery
- Replaceable batteries

## White LED



## UV LED



52-660-026-0

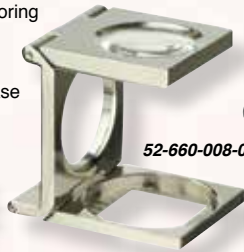
52-660-022 -0  
52-660-024-0

**Only  
\$3.00**

Order No.	Description	List Price	Sale Price
52-660-022-0	4X - 9X LED Magnifier	\$6.83	<b>\$3.00</b>
52-660-024-0	3X - 7X LED Magnifier	6.83	<b>3.00</b>
52-660-026-0	4X LED Magnifier	4.69	<b>3.00</b>

# Folding Pocket Magnifiers

- Suitable for visual inspection of circuit boards, prints and surface finish etc.
- Folds flat for convenient carrying and storing
- Magnification approximately 2.5X,
- 52-660-006: 20mm grid, black anodized
- 52-660-008: 15mm grid, chrome plated
- Easy to read 1mm graduated grid on base
- Includes fitted plastic case



52-660-008-0



52-660-006-0



Order No.	Description	List Price	Sale Price
52-660-006-0	<b>Folding 2.5X Magnifier, black anodized</b>	<b>\$15.14</b>	<b>\$5.00</b>
52-660-008-0	<b>Folding 2.5X Magnifier, chrome anodized</b>	<b>21.42</b>	<b>10.00</b>

# Universal Magnetic Mini Flex Base with High Intensity Zoom Light

*This product is ideal for focused applications in Industrial and Automotive!*

- Powerful, low-profile magnetic base
- Slim, articulating flex bar allows easy and accurate positioning
- Lens "Zooms" for concentrated lighting
- Quick release mounting bracket clamp
- 3 light settings, low, bright and strobe
- Batteries included



Order No. 52-630-451-1

**Sale \$34.50**

List \$49.44

Prices & Specifications are subject to change without notice.

51

Fowler

TOOL-A-THON

Volume 16.2



54-410-500-0

- Small, compact size
- 2 selectable parameters: Ra and Rz
- Large LCD display
- Meets ISO and DIN standards
- N.I.S.T. traceable specimen included
- Uses 9 volt battery (approx. 3000 measurements)
- Includes fitted case

**Reduced  
10%**

*The X-Pro Portable Roughness Tester II can be used for many applications by selecting from a variety of accessories, including:*

- Stand with swivel
- A variety of probes

*For certain Applications, RS232 is available on certain models (contact the Fowler technical department for more information)*



(X-Pro shown with optional stand with swivel)

**X-Pro Portable Roughness Tester II**

Order No.	Description	List Price	Sale Price
54-410-500-0	Portable Surface Roughness Tester .0004" probe (NIST specifications)	\$1727.68	<b>\$1554.90</b>
54-410-600-0	Portable Surface Roughness Tester .0002" probe (DIN specifications)	1727.68	<b>1554.90</b>

**X-Pro Portable Roughness Tester II Stand with Swivel**

Order No.	Description	List Price	Sale Price
54-400-896-0	Stand with Swivel Attachment	\$416.06	<b>\$374.45</b>

**X-Pro Portable Roughness Tester II Probes and Accessories**

Order No.	Description	Resolution	List Price	Sale Price
54-400-319-0	General Purpose Probe	.0004"	\$575.48	<b>\$517.00</b>
54-400-326-0	General Purpose Probe	.0002"	575.48	<b>517.00</b>
54-420-321-0	Small Bore Probe	.0004"	751.23	<b>676.00</b>
54-420-327-0	Small Bore Probe	.0002"	751.23	<b>676.00</b>
54-420-301-0	Traverse Chisel Probe	.0004"	751.23	<b>676.00</b>
54-420-302-0	Parallel Chisel Probe	.0004"	751.23	<b>676.00</b>
54-420-328-0	Groove Bottom Probe	.0004"	751.23	<b>676.00</b>
54-420-120-0	AC Adapter Kit		63.55	<b>57.00</b>

## Digital Rockwell Hardness Tester

A high quality precision instrument that uses the Rockwell A, B and C scales for measuring hardness. Featuring ease of operation, automatic loading and unloading, automatic holding of test force and an easy-to-read LCD.

### Features:

- New, advanced, multi-function indicator readout
- Full color LED display
- Built in hardness calculator statistics function
- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .02 of a Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,  
Horizontal = 6.5"/165mm (from centerline)

### Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover



Order No.	Description	List Price	Sale Price
54-770-650-1	Digital Rockwell Hardness Tester	\$5431.60	<b>\$4610.00</b>

## Analog Rockwell Hardness Tester

A high quality precision instrument that uses the Rockwell A, B, C and F scales for measuring hardness. A reasonably priced solution for those requiring precision and durability.

### Features:

- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .5 Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,  
Horizontal = 6.5"/165mm (from centerline)

### Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover



Order No.	Description	List Price	Sale Price
53-770-600-0	Analog Rockwell Hardness Tester	\$2305.51	<b>\$1950.00</b>

# 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: .0005"/.01mm
- Repeatability: .0004"/10µm
- Base size: 5.6" wide x 6.8" length
- Accuracy: .0016"/.004mm (12"/300mm model)  
.002"/.05mm (24"/600mm model)
- Includes scriber/measuring probe
- Direct RS-232 output
- **Scale not affected by oil, dust, chips, magnetism, shock, etc.**



52-568-005-0



54-212-024-1

Super Smooth Movement!



**FREE** Test Indicator & 8mm Ball Probe with Purchase!

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

# 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



**NEW!**

**Save \$500**



**NEW 17.5" Hi\_Cal Height Gage**

## Accessory Probe Sets



54-930-215-0

**10% off Probe Sets**



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"/.0034mm	\$4661.50	<b>\$4160.00</b>
54-931-300-0	12"/300mm	0.00016"/.0042mm	5357.04	<b>4850.00</b>
54-931-450-0	<b>NEW</b> 17.5"/450mm	0.00020"/.005mm	5608.98	<b>5100.00</b>
<b>Accessories</b>				
54-930-215-0	Full Probe Accessory Set		\$1093.95	<b>975.00</b>
54-930-217-0	Basic Probe Accessory Set		593.64	<b>530.00</b>

Prices & Specifications are subject to change without notice.

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