

# Fowler

## HIGH PRECISION

Only  
**\$331.20**  
Page 38



Only  
**\$159.50**  
Page 9



Only  
**\$29.80**  
Page 24



Only  
**\$209.95**  
Page 5

Only  
**\$429.60**  
Page 20

Over 25  
**NEW**  
Items!



# TOOL-A-THON

Winter 2014

# Bowers XT-Series Holemikes



**FREE Bowers Hat with Purchase!**  
**While Supplies Last!**

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 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
- Special anvils available, contact the Fowler Technical Department

Order Number	Range	Grads.	Accuracy	Meas. Depth	Ring Included	List Price	Sale Price
F52-255-310	.250"-.312"	.00025"	.00015"	2.28"	.312"	\$675.00	<b>\$549.95</b>
F52-255-311	.312"-.375"	.00025"	.00015"	2.28"	.312"	625.00	<b>499.50</b>
F52-255-312	.375"-.500"	.00025"	.00015"	2.28"	.5"	625.00	<b>499.50</b>
F52-255-313	.500"-.625"	.00025"	.00015"	2.44"	.5"	625.00	<b>499.50</b>
F52-255-314	.625"-.750"	.00025"	.00015"	2.44"	.75"	641.00	<b>549.00</b>
F52-255-315	.750"-1"	.00025"	.00015"	2.60"	.75"	704.00	<b>598.80</b>
F52-255-316	1"-1.375"	.00025"	.00015"	2.60"	1.375"	1003.00	<b>859.70</b>
F52-255-317	1.375"-2"	.00025"	.00015"	3.15"	1.375"	1027.00	<b>869.50</b>
F52-255-318	2"-2.625"	.00025"	.0002"	3.15"	2.625"	1225.00	<b>989.80</b>
F52-255-319	2.625"-3.250"	.00025"	.0002"	3.15"	2.625"	1236.00	<b>988.70</b>
F52-255-320	3.250"-4"	.00025"	.0002"	3.94"	3.25"	1542.00	<b>1319.60</b>

**Bowers XT-Series Holemike Sets**

Order Number	Range	Includes	List Price	Sale Price
F52-255-565	.250"-.375"	2 heads, 2 handles, 1 ring	\$1499.00	<b>\$1299.50</b>
F52-255-665	.375"-.750"	3 heads, 3 handles, 2 rings	1707.00	<b>1475.20</b>
F52-255-775	.750"-2"	3 heads, 3 handles, 2 rings	2682.00	<b>2257.60</b>
F52-255-885	2"-4"	3 heads, 3 handles, 2 rings	3636.00	<b>3150.60</b>

## XTRA-VALUE II Electronic Micrometers



Protected to:  
**IP40**  
DUST RESISTANT

**FREE!**



**Ball Attachment**

- Jet black, grey enamel finish
- Large LCD display.
- Resolution: .00005"/.001mm
- Accuracy:  $\pm .00016$ "/.004mm (up to 2")
- Direct RS-232 output
- Carbide measuring faces.
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case

Order Number	Description	Range	List Price	Sale Price
F54-870-001	Xtra-Value II Electronic Micrometer	0-1"/0-25mm	\$84.00	<b>\$59.50</b>
F54-870-002	Xtra-Value II Electronic Micrometer	1-2"/25-50mm	85.00	<b>75.40</b>
F54-870-003	Xtra-Value II Electronic Micrometer	2-3"/50-75mm	99.95	<b>89.80</b>
F54-870-103	Xtra-Value II Electronic Micrometer Set	0-3"/0-75mm	300.00	<b>183.96</b>
F54-100-350	CR2032 Battery		5.50	

## Electronic Coolant Resistant Micrometers



Protected to:  
**IP54**  
COOLANT & FLUID  
RESISTANT

**FREE!**



**Ball Attachment**

- Protected to IP54 specifications
- Large LCD Display
- Automatic switch off
- Resolution: .00005"/.001mm
- Direct RS-232 output
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

Order Number	Description	Range	List Price	Sale Price
F54-860-001	IP54 Electronic Micrometer	0-1"/0-25mm	\$106.40	<b>\$79.20</b>
F54-860-002	IP54 Electronic Micrometer	1-2"/25mm-50mm	123.20	<b>89.20</b>
F54-860-003	IP54 Electronic Micrometer	2-3"/50mm-75mm	134.40	<b>99.80</b>
F54-860-103	IP54 Electronic Micrometer Set	0-3"/0-75mm	370.65	<b>259.70</b>
F54-902-110	LR44 Battery		6.60	

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Ultra-Micrometer



- Unique ratchet allows one-hand operation
- Carbide tipped anvils
- Graduation 0.0001"
- Accuracy within  $\pm 0.0001$ "
- Includes fitted case with certificate of accuracy and adjusting wrench

**NEW!**

Order No.	Range	List Price	Sale Price
F52-239-001	0-1"	\$64.90	<b>\$54.95</b>

## Adjustable Micrometer Stand



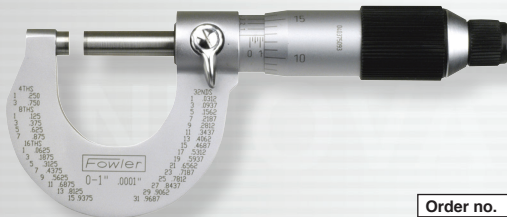
Micrometer shown not included.

A compact, well-constructed, folding micrometer stand with a unique locking mechanism that positions the micrometer over a 180° range for perfect use and viewing.

Order No.	Description	List Price	Sale Price
F52-247-005	Mic Stand	\$33.05	<b>\$23.50</b>

## Outside Micrometers

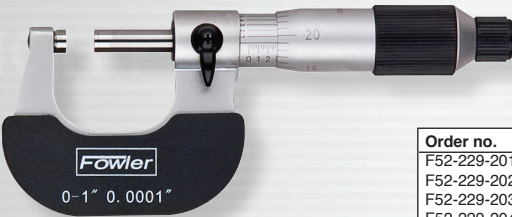
with Decimal Equivalents on Frame



- Black decimal equivalents on satin chrome finished forged steel frame.
- Graduations: .0001"
- Ratchet thimble and locking nut.
- Includes case.

Order no.	Range	List Price	Sale Price
F52-235-001-1	0-1"	\$52.65	<b>\$30.80</b>
F52-235-002-2	1-2"	63.85	<b>40.30</b>
F52-235-003-2	2-3"	76.15	<b>51.40</b>

## Economy Micrometers



- .0001" reading.
- Carbide measuring faces.
- Ratchet thimble and locking nut.
- Microfine graduations.
- Sizes over 1" include standard.
- Meets or exceeds Federal specifications.
- Includes case.

Order no.	Range	List Price	Sale Price
F52-229-201	0-1"	\$39.15	<b>\$23.50</b>
F52-229-202	1-2"	45.85	<b>31.25</b>
F52-229-203	2-3"	56.55	<b>36.40</b>
F52-229-204	3-4"	64.90	<b>41.30</b>
F52-229-205	4-5"	80.10	<b>48.60</b>
F52-229-206	5-6"	94.10	<b>59.80</b>

## Digit Counter Micrometer



- 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
F52-224-001	0-1"	\$88.40	<b>\$43.50</b>
F52-224-002	1-2"	92.90	<b>55.25</b>
F52-224-003	2-3"	105.85	<b>61.30</b>
F52-224-004	3-4"	116.40	<b>67.00</b>

**Micrometer Calibration Sets are available on page 5!**

# X-TENDED RANGE® Pin Gage Sets

## 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.

**NEW!**

**Two ranges  
in one set!**

.011" - .060" & .061" - .250"

### Features:

- Class ZZ
- Black oxide finish offers extra protection against corrosion and rust, promoting longer life, also 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



Order Number	Description	Accuracy	List Price	Sale Price
F53-880-823	<b>NEW</b> Plus Pin Gage Set	+0.0002"-0.0000"	\$229.95	<b>\$209.95</b>
F53-880-833	<b>NEW</b> Minus Pin Gage Set	+0.0000"-0.0002"	229.95	<b>209.95</b>

## Caliper, Micrometer & Snap Gage Checking Set

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

### Set Includes:

- Calibration certification traceable to N.I.S.T. standards
- Stand height: 12.5"
- 9 pc. Grade AS-0 gage block set (sizes: .625", .100", .125", .200", .250", .300", .500", 1.000" & 2.000")
- Certificate of calibration is traceable to N.I.S.T. standards & provides the individual deviation of each block
- Optical flat (flatness: .000004" ; Parallelism: .00002")
- 4.0mm ball end T-handle hex wrench



**Worn blocks  
can be  
easily replaced!**



Order Number	Description	List Price	Sale Price
F53-813-001-1	Complete Caliper, Micrometer and Snap Gage Checking Set	\$303.21	<b>\$272.37</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Micrometer Set and Caliper Combo



F52-229-012 Combo Set Shown

**NEW!**



### 0-4" Micrometer Set Features:

- .0001" reading
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard.
- Meets or exceeds Federal specifications.

### 6" and 12" Dial Caliper Features:

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

Order Number	Description	List Price	Sale Price
F52-229-007	<b>NEW</b> 0-4" Micrometer Set and 6" Caliper	\$271.65	<b>\$220.00</b>
F52-229-012	<b>NEW</b> 0-4" Micrometer Set and 12" Caliper	379.00	<b>299.00</b>

## Economy Micrometer Sets



- .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.

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

Order Number	Range	List Price	Sale Price
F52-229-213	0-3" set	\$141.10	<b>\$99.50</b>
F52-229-214	0-4" set	217.30	<b>121.50</b>
F52-229-220	0-100mm set	217.30	<b>121.50</b>

## Digit Counter Micrometer Sets



- 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.

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

Order Number	Range	List Price	Sale Price
F52-224-103	0-3" set	\$294.00	<b>\$182.00</b>
F52-224-104	0-4" set	399.85	<b>201.80</b>
F52-224-220	0-75mm set	294.00	<b>201.80</b>

# Poly-Cal® Electronic Caliper Inch/Metric/Fraction

INCH • METRIC • FRACTION



## Polycarbonate Caliper Includes

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

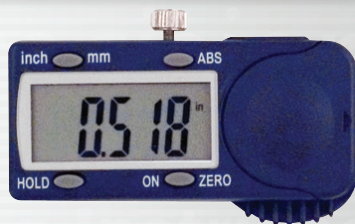
- Range 6"/150mm
- Polycarbonate frame
- Large easy-to-read display
- Resolution .0005"/.01mm (Fractions by 1/64" increments)
- Absolute/Incremental Measurement
- Direct inch/metric/fraction conversion
- 4-way measuring
- Accuracy +/- .008"
- Supplied with clip-on vinyl pouch

Order Number	Description	List Price	Sale Price
F54-101-175	Poly-Cal Electronic Caliper	\$24.60	<b>\$19.50</b>
F54-100-350	CR2032 Battery	5.50	

# XTRA-VALUE CAL® Electronic Calipers



- 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



Also available with a Super Large Display with Hold Feature!

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



Fred V. Fowler Co., Inc.

Order Number	Range	Display Type	List Price	Sale Price
F54-101-150-2	6"/150mm	Regular Display	\$45.00	<b>\$31.80</b>
F54-101-600-1	6"/150mm	Super Large Display with hold feature	56.00	<b>37.50</b>
F54-101-200-1	8"/200mm	Regular Display	67.20	<b>56.50</b>
F54-101-800-1	8"/200mm	Super Large Display with hold feature	84.00	<b>63.50</b>
F54-101-300-1	12"/300mm	Regular Display	90.00	<b>88.60</b>
F54-101-900-1	12"/300mm	Super Large Display with hold feature	110.00	<b>83.40</b>
F54-100-350	CR2032 Battery		5.50	

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

7

Fowler

TOOL-A-THON

Winter 2014

## 4" thru 12" Economy Digital Calipers



**NEW!**

- Patented ceramic capacitive sensor
- 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
- Absolute referencing
- Includes molded case

Order Number	Range	List Price	Sale Price
F54-100-004-2	<b>NEW</b> 0—4"/100mm Caliper	\$94.10	<b>\$75.60</b>
F54-100-000-2	<b>NEW</b> 0—6"/150mm Caliper	109.75	<b>80.40</b>
F54-100-008-2	<b>NEW</b> 0—8"/200mm Caliper	128.80	<b>101.20</b>
F54-100-112-2	<b>NEW</b> 0—12"/300mm Caliper	168.00	<b>137.80</b>
F54-100-350	CR2032 Battery	5.50	

## Water Resistant IP54 Electronic Calipers



**NEW!**

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

Protected to:  
**IP54**  
COOLANT & FLUID  
RESISTANT

Order Number	Range	List Price	Sale Price
F54-100-777-2	<b>NEW</b> 0—6"/150mm Electronic IP54 Caliper	\$123.20	<b>\$95.20</b>
F54-100-712-2	<b>NEW</b> 0—12"/300mm Electronic IP54 Caliper	179.20	<b>141.30</b>
F54-100-350	CR2032 Battery	5.50	

## EURO-CAL<sup>IV</sup> Electronic Calipers



**INCH • METRIC • FRACTION**

**Save  
over 35%**

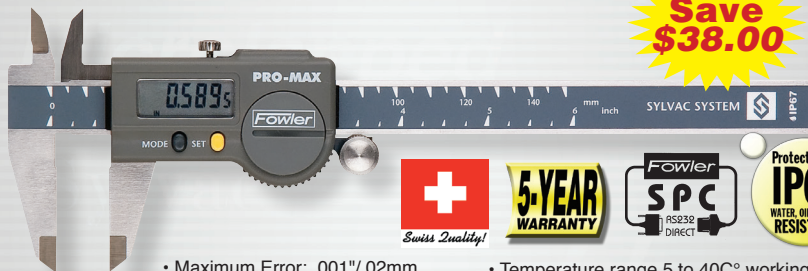
- Reads in inch, metric & fractions
- Direct inch/metric/fraction conversion
- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring
- Includes molded plastic case

Protected to:  
**IP54**  
COOLANT & FLUID  
RESISTANT

Order Number	Description	Accuracy	List Price	Sale Price
F54-100-330-1	6"/150mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	\$111.95	<b>\$76.30</b>
F54-100-331	8"/200mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	132.50	<b>95.60</b>
F54-100-332	12"/300mm Euro-Cal IV Electronic Caliper	±.0015"/.03mm	170.00	<b>126.30</b>
F54-100-350	CR2032 Battery		5.50	



## Pro-Max Electronic Caliper



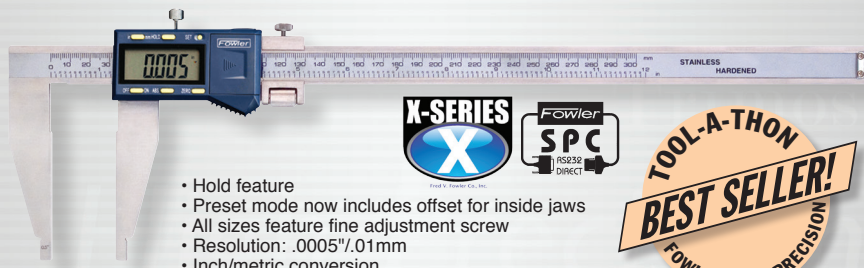
**Save  
\$38.00**



- Maximum Error: .001"/.02mm
- 4-way measurement, inside, outside, depth and step
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm
- Range: 6"/150mm
- Direct inch/metric conversion
- Temperature range 5 to 40C° working; -20 to 60C° in storage
- Hardened stainless steel construction
- RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function
- Includes molded case

Order Number	Range	List Price	Sale Price
F54-200-777-1	0—6"/150mm Pro-Max Electronic Caliper	\$157.00	<b>\$119.00</b>
F54-100-350	CR2032 Battery	5.50	

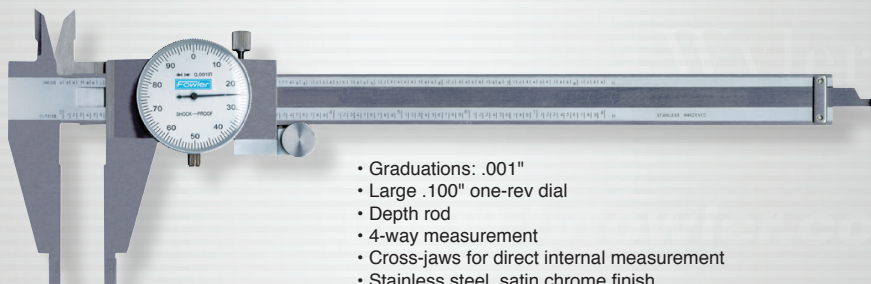
## XTRAA-RANGE® Electronic Calipers



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

Order Number	Range	Jaw Depth	Accuracy	List Price	Sale Price
F54-100-312	0—12"/300mm Caliper	3.5"	.002"/.04mm	\$193.75	<b>\$159.50</b>
F54-100-024-1	0—24"/600mm Caliper	4"	.003"/.08mm	282.25	<b>239.40</b>
F54-100-042-1	0—40"/1000mm Caliper	4.9"	.004"/.10mm	1170.35	<b>649.00</b>
F54-100-350	CR2032 Battery			5.50	

## Heavy Duty Dial Caliper

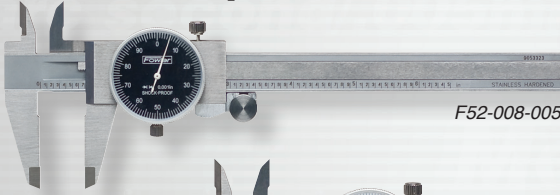


- Graduations: .001"
- Large .100" one-rev dial
- Depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish
- Includes wood case

Order Number	Range	Jaw Length	List Price	Sale Price
F52-025-108	8" Caliper	2.5"	\$128.25	<b>\$89.60</b>
F52-025-112	12" Caliper	2.875"	186.50	<b>129.50</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

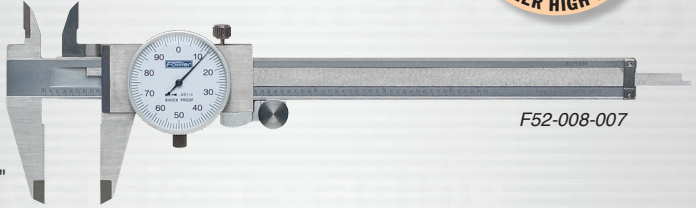
## 0-6" Dial Calipers



F52-008-005



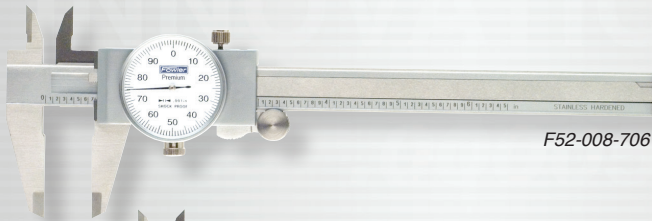
- 4-way measuring
- Covered rack
- .100" per revolution
- Dial graduation: .001"
- Accuracy:  $\pm .001$ "
- Hardened stainless steel rack
- Supplied in shop-hardened case



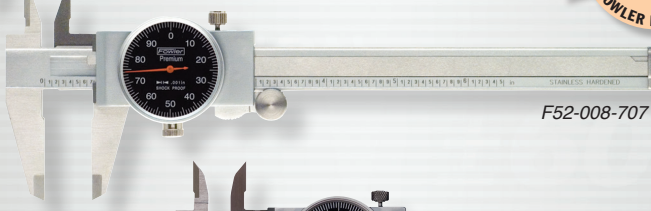
F52-008-007

Order Number	Dial Face Color	List Price	Sale Price
F52-008-007	White	\$84.55	<b>\$33.50</b>
F52-008-005	Black	84.55	<b>33.50</b>

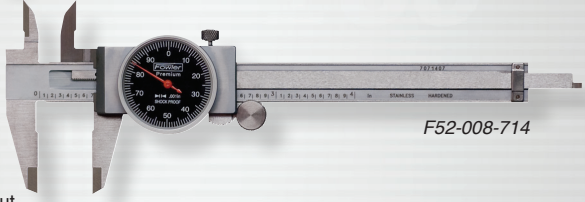
## Machinist Grade Dial Calipers



F52-008-706



F52-008-707



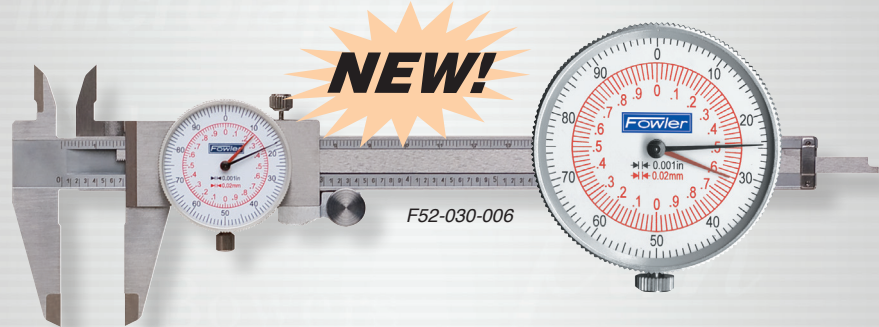
F52-008-714

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

Order Number	Range	Dial Face Color	List Price	Sale Price
F52-008-704	0-4"	White	\$51.50	<b>\$41.20</b>
F52-008-714	0-4"	Black	51.50	<b>41.20</b>
F52-008-706	0-6"	White	70.50	<b>54.20</b>
F52-008-707	0-6"	Black	70.50	<b>54.20</b>
F52-008-709	0-150mm (Metric Model)	Yellow	70.50	<b>54.20</b>
F52-008-708	0-8"	White	88.40	<b>66.20</b>
F52-008-712	0-12"	White	117.05	<b>89.60</b>

## Inch/Metric Reading Dial Caliper

With a dual reading face showing inch readings in black and metric readings in red, Fowler's Inch/Metric reading dial caliper is like having two dial calipers in one.

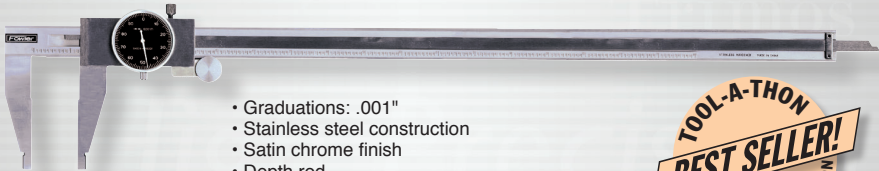


**Features:**

- Dial face reads in both inch (black) and metric (red)
- Hardened stainless steel throughout
- Inside, outside, step and depth measurement
- Raised sliding surface prevents wear and defacement of graduations
- Covered, stainless steel rack
- Includes case.

Order Number	Range	Graduation	List Price	Sale Price
F52-030-006	<b>NEW</b> 6"/150mm	.001"/.02mm	\$87.35	<b>\$65.50</b>
F52-030-008	<b>NEW</b> 8"/200mm	.001"/.02mm	110.90	<b>83.25</b>
F52-030-012	<b>NEW</b> 12"/300mm	.001"/.02mm	148.95	<b>112.00</b>

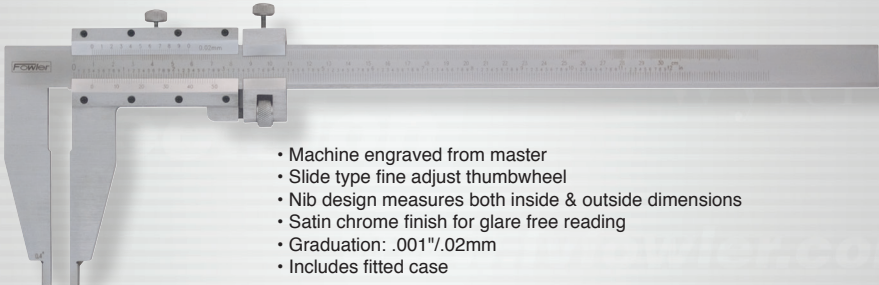
## Extended Range Dial Caliper



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

Order Number	Range	Depth of Jaws	List Price	Sale Price
F52-008-018	18" Caliper	3.125"	\$232.90	<b>\$178.20</b>
F52-008-024	24" Caliper	3.375"	282.25	<b>221.20</b>

## Master Vernier Caliper

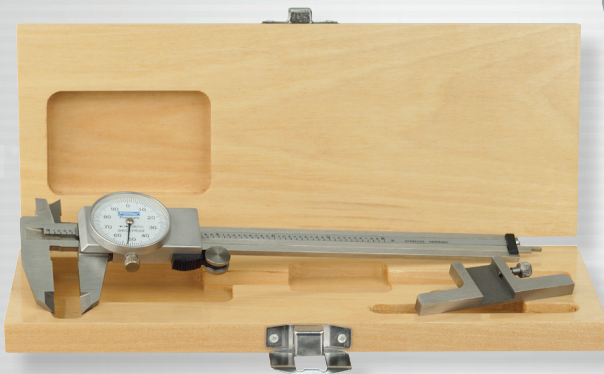


- Machine engraved from master
- Slide type fine adjust thumbwheel
- Nib design measures both inside & outside dimensions
- Satin chrome finish for glare free reading
- Graduation: .001"/.02mm
- Includes fitted case

Order Number	Range	List Price	Sale Price
F52-085-012	12"/300mm Caliper	\$164.65	<b>\$106.20</b>
F52-085-024	24"/600mm Caliper	352.80	<b>211.30</b>
F52-085-040	40"/1000mm Caliper	817.55	<b>525.60</b>
F52-085-060	60"/1500mm Caliper	2,293.20	<b>1,042.30</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Shockproof Dial Caliper & Depth Attachment Combo with Wooden Case



Available with  
White or Black Face.



Easy depth measurement!

### Shockproof Dial Caliper:

- Tough shockproof design
- 4-way measuring
- Solid stainless steel construction
- Silky-smooth movement throughout.
- .100" range per revolution
- .001" reading dial face

### Depth Attachment:

- Attaches quickly
- Positive locking screw
- Precision-ground contact surface.

Packed in a custom-fit wooden case.

Order Number	Description	List Price	Sale Price
F52-008-700	Combo with 6" Whiteface Shockproof Dial Caliper	\$103.95	<b>\$70.95</b>
F52-008-710	Combo with 6" Blackface Shockproof Dial Caliper	103.95	<b>70.95</b>
F52-100-002	Wooden case only	16.80	<b>13.00</b>

## Electronic Caliper & Depth Attachment Combo with Wooden Case

**XTRA-VALUE CAL**



Easy depth measurement!

### Xtra-Value Caliper:

- Accuracy: .001"/.02mm
- Range: 6"/150mm
- Large easy-to-read display
- Resolution: .0005"/.01mm
- Direct inch/metric conversion
- Absolute/Incremental Measurement
- 4-way measuring

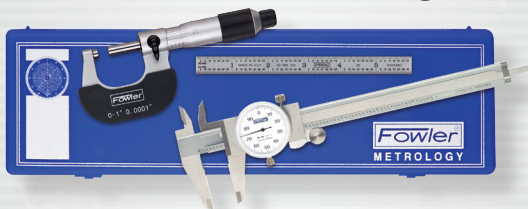
### Depth Attachment:

- Attaches quickly
- Positive locking screw
- Precision-ground contact surface.

Packed in a custom-fit wooden case.

Order Number	Description	List Price	Sale Price
F54-008-715	Xtra-Value Caliper & Depth Attachment Combo	\$79.75	<b>\$62.25</b>
F52-100-002	Wooden case only	16.80	<b>13.00</b>

## Toolmakers Universal Measuring Set



- 6" Dial Caliper F52-008-007 (see page 10)
- 0-1" Micrometer F52-229-201 (see page 4)
- 6" Flexible rule, satin chrome, 5R
- All contained in a fitted, shop-hardened case

Order Number	Description	List Price	Sale Price
F52-095-007	Toolmakers Universal Measuring Set	\$138.60	<b>\$82.80</b>

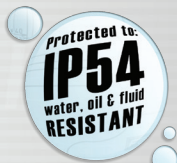
## Electronic Caliper & Micrometer Measuring Set



- 6"/150mm Electronic Caliper F54-100-000-2 (see page 8)
- 0-1"/25mm Electronic Micrometer F54-870-001 (see page 3)
- Complete with shop-hardened case

Order Number	Description	List Price	Sale Price
F54-004-850	Electronic Caliper & Micrometer Measuring Kit	\$189.20	<b>\$178.90</b>

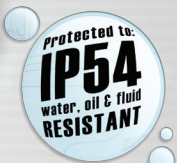
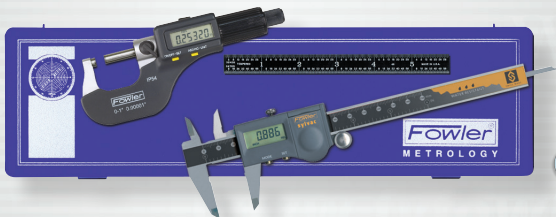
## X-PROOF® Water Resistant Electronic Measuring Set



- Caliper and Micrometer are protected to IP54 standards.
- 0-6" /150mm IP54 Electronic Caliper F54-100-777-2 (see page 8)
- 0-1"/25mm IP54 Electronic Micrometer F54-860-001 (see page 3)
- Complete with shop-hardened case.

Order Number	Description	List Price	Sale Price
F54-004-877	X-Proof Water Resistant Electronic Measuring Set	\$259.60	<b>\$214.60</b>

## Premium Water Resistant Electronic Measuring Set



- Caliper and Micrometer are protected to IP54 standards.
- 0-6" /150mm Ultra-Cal IV Caliper 54-100-444
- 0-1" IP54 Electronic Micrometer F54-860-001 (see page 3)
- 5R grad. EZ-Read steel rule F52-347-006 (see page 35)
- Complete with shop-hardened case.

Order Number	Description	List Price	Sale Price
F54-004-854	IP54 Resistant Electronic Measuring Set	\$302.50	<b>\$250.00</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.



## Tire Tread Thickness Gage

- Spring-loaded with a hold measurement button for ease-of-use.
- Super-large display
- Range: 1"/25mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments).
- Supplied in vinyl holster.



INCH • METRIC • FRACTION

Order Number	Description	List Price	Sale Price
F54-225-500	X-Tread Tire Tread Thickness Gage	\$22.35	<b>\$16.50</b>

## XTRA-VALUE Depth Gage

INCH • METRIC • FRACTION



- Spring-loaded and hold measurement button for ease-of-use.
- Super-large display
- Travel: 0-1"/25mm
- Range: 0-22"/550mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments).
- Supplied in shop-hardened case.



Order Number	Description	List Price	Sale Price
F54-225-555	X-tra Value Depth Gage	\$55.95	<b>\$40.20</b>

## XTRA-VALUE Depth Gage and Poly-Cal® Kit

INCH • METRIC • FRACTION

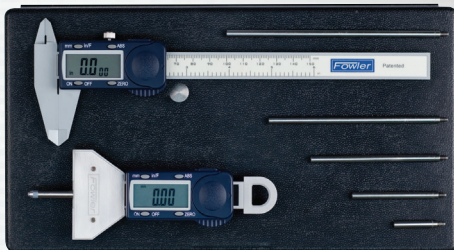
### Poly-Cal:

- Range 6"/150mm
  - Polycarbonate Frame.
  - Resolution .0005"/.01mm, fractions by 1/64 increments.
- (for more info see page 7)



### Xtra-Value Depth Gage:

- Spring-loaded with a hold measurement button for ease-of-use.
- Super-large display
- Travel: 0-1"/25mm
- Application range: 0-22"/550mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments).
- Supplied in shop-hardened case.



Order Number	Description	List Price	Sale Price
F54-004-255	Xtra-Value Depth Gage and Poly-Cal Kit	\$90.15	<b>\$64.95</b>

## XTRA-VALUE Depth Gage and Euro-Cal IV Kit

INCH • METRIC • FRACTION

### Euro-Cal IV:

- Range: 6"/150mm
  - Water resistant to IP54 standards.
  - Resolution .0005"/.01mm, fractions by 1/64 increments.
- (for more info see page 8)



### Xtra-Value Depth Gage:

- Spring-loaded with a hold measurement button for ease-of-use.
- Super-large display
- Travel: 0-1"/25mm
- Application range: 0-22"/550mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments).
- Supplied in shop-hardened case.



Order Number	Description	List Price	Sale Price
F54-004-330	Xtra-Value Depth Gage and Euro-Cal IV Kit	\$175.95	<b>\$123.00</b>

# Test Indicator Kit with Universal Holder

## With Certificate of Calibration

**FREE Universal Holder!\*\*\***

- Auto-reverse.
- Jeweled movement.
- Range: .030"
- Graduation: .0005"
- Dial reading: 0—15—0
- Dial diameter: 1.125"
- Point length: .400"



F52-565-200

CERTIFICATE OF CALIBRATION

Model: F52-565-200    Range: 0.03 inch    Graduation: 0.15 - 0    Gauge Serial No: F52-565-200  
 Part No: 1.10M-1987    Certificate No.: 7750

0	5	10	15	0	5
-0.0005	-0.0002	-0.0004	-0.0003	-0.0005	-0.0002

Calibration Equipment used is traceable to NIST  
 Error in units of: inches  
 Uncertainty of measurement: 0.0001 inches

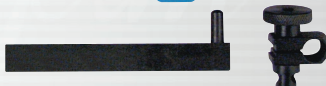
**TOOL-A-THON  
BEST SELLER!**

FOWLER HIGH PRECISION

### Carbide contact points.

- Includes .080" & .040" contact points, Universal clamp, height gage attachment, 3/8" & 1/4" dovetail clamps in a fitted molded case.

- Includes manufacturer's test certificate.



\*\*\* To receive your free Universal Holder, please fax your proof of purchase to Fowler at: (617) 630-5139

Order Number	Description	List Price	Sale Price
F52-562-999	Test Indicator Kit	\$112.15	<b>\$102.50</b>

## X-Test & Xtra-Mag Combo

### XTEST

#### X-Test Features: (F52-562-001)

- Range: .060"; Graduation: .0005"
- Dial reading: 0—15—0; 1-1/2" Dial Diameter
- Jeweled movement
- Revolution counter
- Automatic reversal
- 210° Swivel arc
- Tungsten carbide point: .080"

Virtually unlimited positioning as a Universal Base!



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

### XTRA MAG

#### Mag Base:

- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16" extension arm
- Dovetail mounting
- Chuck adaptor

All complete in a shop-hardened case!

Order Number	Description	List Price	Sale Price
F52-562-105	X-Test & Xtra-Mag Combo	\$167.20	<b>\$135.80</b>

## XTRA MAG® A Versatile Universal and Mag Base Combo!

#### Mag Base:

- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16" extension arm
- Dovetail mounting

Virtually unlimited positioning as a Universal Base!

#### Test Indicator: (F52-562-778)

- Range: .030"
- Reading: 0-15-0
- Jeweled movement
- Graduation: .0005"
- Auto-reversing
- .080" diameter point



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

All complete in a shop-hardened case!

Order Number	Description	List Price	Sale Price
F52-585-105	Xtra Mag only	\$51.70	<b>\$37.80</b>
F52-585-100	Xtra Mag with Test Indicator	155.10	<b>107.80</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

**X-Test Indicator—TWICE the range of most indicators!**



**XTEST**



- 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

Order Number	Description	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
F52-562-001	X-Test Indicator	.0005"	1-1/2"	0-15-0	\$117.55	<b>\$109.95</b>
F52-562-002	X-Test Indicator	.0005"	1"	0-15-0	117.55	<b>109.95</b>
F52-562-003	X-Test Indicator	.001"	1"	0-15-0	117.55	<b>109.95</b>
F52-562-007	X-Test Indicator	.01mm	25mm	0-40-0	117.75	<b>109.95</b>
F52-562-008	X-Test Indicator	.01mm	38mm	0-40-0	117.75	<b>109.95</b>

**Vertical X-Test Indicator  
TWICE the range of most indicators!**

- Range: .060"
- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: .080"



**XTEST**

Order Number	Description	Graduations	Dial Diameter	List Price	Sale Price
F52-562-004	Vertical X-Test Indicator	.0005"	1-1/2"	\$128.75	<b>\$109.95</b>
F52-562-005	Vertical X-Test Indicator	.0005"	1"	128.75	<b>109.95</b>
F52-562-006	Vertical X-Test Indicator	.001"	1"	128.75	<b>109.95</b>

**X-Test Indicator and Accessory Combo Kit**



**XTEST**

**Each Combo Kit Includes:**

- X-Test Dial Test Indicator (see above)
- Axial support
- Height gage bar with clamp
- Adaptor sleeve: 5/32" to 3/8"
- Contact point case
- Contact point wrench
- Complete in "Shop Hardened" case.



Order Number	Description	Graduations	List Price	Sale Price
F52-562-100	52-562-001 w/accessories	.0005"	\$172.65	<b>\$155.40</b>
F52-562-110	52-562-002 w/accessories	.0005"	172.65	<b>155.40</b>
F52-562-120	52-562-003 w/accessories	.001"	172.65	<b>155.40</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.



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

**Extra Points**

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
F52-562-774	white	.030"	0-15-0	.001"	1"	1/2"	\$105.30	<b>\$62.80</b>
F52-562-778	black	.030"	0-15-0	.0005"	1"	1/2"	111.95	<b>62.80</b>
F52-562-775	white	.030"	0-15-0	.0005"	1"	1/2"	111.95	<b>62.80</b>
F52-562-776	white	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	<b>68.80</b>
F52-562-780	black	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	<b>68.80</b>



**Extra Points**

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
F52-563-770	white	.008"	0-4-0	.0001"	1"	1/2"	\$111.95	<b>\$90.40</b>
F52-563-771	black	.008"	0-4-0	.0001"	1"	1/2"	111.95	<b>90.40</b>
F52-563-777	white	.008"	0-4-0	.0001"	1-1/2"	1/2"	111.95	<b>90.40</b>
F52-563-772	black	.008"	0-4-0	.0001"	1-1/2"	1/2"	115.30	<b>90.40</b>



**Extra Points**

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
F52-562-781	white	.020"	0-10-0	.0005"	1"	1-7/16"	\$115.30	<b>\$87.20</b>
F52-562-782	black	.020"	0-10-0	.0005"	1"	1-7/16"	115.30	<b>87.20</b>
F52-562-783	white	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	<b>87.20</b>
F52-562-784	black	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	<b>87.20</b>



Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
F52-563-677	white	.080"	0-40-0	.01mm	1-1/4"	1/2"	\$64.90	<b>\$51.90</b>
F52-560-060	white/red	.020"/.05mm	0-10-0/0-.25-0	.0005"/.01mm	1-1/2"	1/2"	88.40	<b>66.30</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

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**Fowler**

**TOOL-A-THON**

**Winter 2014**

# QuadraTest Unmatched versatility and ease!

## Multimode Electronic Test Indicator

Fowler's QuadraTest offers unrivaled measuring versatility in an Electronic Test Indicator.

- 4 Measuring Resolutions!

Resolution	Smallest Division
0—40—0	.0005"
0—40—0	.00005"
0—1—0	0.01mm
0—1—0	0.001mm

- 4 Measuring Modes!  
*Min, Max, TIR and Direct*
- True Inch/Metric conversion.
- Water, oil and coolant resistant to IP65!
- 1-1/2" diameter dial face rotates a full 360°
- Bar graph and numeric digital display.
- Meets or exceeds DIN/ISO Standards.  
*Maximum error on .00005" scale at full range: .0004"*
- .080" contact ball diameter

Protected to:  
**IP65**  
WATER, OIL & FLUID  
RESISTANT



Order Number	Contact Point Length	List Price	Sale Price
F54-562-777	1/2"	\$210.00	<b>\$190.00</b>
F54-562-888	1-7/16"	310.00	<b>289.00</b>
F54-115-528	Power USB Cable	220.00	
F54-100-350	CR2032 Battery	5.50	

## Mini-Resistant Indicators

MOISTURE & WEAR RESISTANT!

- Coolant, water & oil resistant to IP65 specifications!
- Inductive, non-contact measuring system!
- Tough carbide contact point!
- Range: 0—5" / 12.5mm
- High contrast LCD display
- Floating zero
- Preset & Hold features
- Dual measuring references
- Dovetail back with adjustable lug
- 1.575" diameter bezel
- 3/8" mounting stem

Protected to:  
**IP65**  
water, oil & fluid  
RESISTANT



Order Number	Description	Accuracy	Resolution	List Price	Sale Price
F54-520-680-2	Indicator with analog scale	.0005"/.01mm	.0005"/.01mm	\$369.00	<b>\$345.00</b>
F54-520-680-3	Indicator with analog scale	.0002"/.005mm	.00005"/.001mm	512.00	<b>497.00</b>

# INDI-X<sup>®</sup> Electronic Indicator

- Direct Inch/Metric Conversion
- 2-3/8" dial face
- 1"/25mm travel
- Lug Back with 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Min/Max measurement
- Floating zero
- Carbide-tipped point
- Includes 2 extra points for small hole applications: one .078" dia. x 1" long and one needle point x 1" long.



Fred V. Fowler Co., Inc.



**Carbide-tipped point!**



**2<sup>X</sup>tra**  
Contact Points  
w/ purchase

Order Number	Description	List Price	Sale Price
F54-520-025-1	INDI-X Electronic Indicator	\$188.15	<b>\$141.11</b>

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

**Now 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 indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point



Fred V. Fowler Co., Inc.



**Low Cost,  
High Quality,  
Multi-Function  
Indicators**

**Carbide-tipped point!**

Order Number	Description	List Price	Sale Price
F54-520-250	1"/25mm Indi-X Blue Electronic Indicator	\$94.00	<b>\$58.50</b>
F54-520-260	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction Electronic Indicator	96.25	<b>61.50</b>
F54-520-255	.5"/12.5mm Indi-X Blue Electronic Indicator	87.30	<b>51.50</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

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TOOL-A-THON

Winter 2014

# INDI-MAX

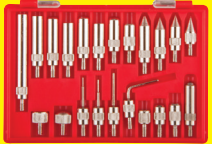
## Electronic Indicators

INCH • METRIC • FRACTION

- Direct Inch/Metric Conversion
- IP54 Coolant & fluid resistant
- Auto Off feature
- 2-1/4" dial face
- 3/8" stem - 4-48 thread
- Resolution .00005"/.001mm
- Accuracy .00016"/.004mm (to 1")
- Tolerance indicators
- Absolute/incremental reading
- Lugback on 1/2" model.
- Floating zero
- Carbide tipped point

**NEW!**

### FREE Point Set



F52-525-222

Protected to:  
**IP54**  
COOLANT & FLUID  
RESISTANT



0-.5"



0-1"



0-2"

**Carbide-tipped points!**



Fred V. Fowler Co., Inc.

Order Number	Description	List Price	Sale Price
F54-520-305	<b>NEW</b> 5"/12.5mm Indi-Max Electronic Indicator with point set	\$329.00	<b>\$279.30</b>
F54-520-310	<b>NEW</b> 1"/25mm Indi-Max Electronic Indicator with point set	369.00	<b>319.20</b>
F54-520-320	<b>NEW</b> 2"/50mm Indi-X Blue Electronic Indicator with point set	479.00	<b>429.60</b>
F54-100-350	CR2032 Battery	5.50	
F54-520-399	Absolute data cable	139.00	

# Sylvac S\_Dial One Electronic Indicators



F54-530-134



F54-530-154



F54-530-174

## Features

- IP67 protection even with cable
- Robust construction
- Removable lifting lever included on all models
- Menu customizable with free software
- Direct inch/metric conversion
- High contrast LCD display
- Lugback included



Order Number	Range	Maximum Error	Resolution	List Price	Sale Price
F54-530-124	0-.500"/12.5mm	.0004"/.01mm	.0005"/.01mm	\$285.00	<b>\$265.00</b>
F54-530-134	0-.500"/12.5mm	.0002"/.005mm	.00005"/.001mm	365.00	<b>340.00</b>
F54-530-144	0-1"/25mm	.0004"/.01mm	.0005"/.01mm	310.00	<b>295.00</b>
F54-530-154	0-1"/25mm	.00024"/.006mm	.00005"/.001mm	385.00	<b>360.00</b>
F54-530-164	0-2"/50mm	.0008"/.02mm	.0005"/.01mm	525.00	<b>499.00</b>
F54-530-174	0-2"/50mm	.00032"/.008mm	.00005"/.001mm	610.00	<b>575.00</b>
F54-115-444	RS Power Data Cable Serial			157.00	
F54-115-528	RS Power Data Cable USB			220.00	

## 12" Workshop Transfer Stand

*The Workshop Transfer Stand is compact in size and lightweight!*



### Adjusts a variety of ways!



- Overall height 12"
- Revolutionary design
- Large range fine adjustment
- Perfect for applications where the stand is moved and/or needs to be transported from location to location
- Hold test indicators or dial gages with dovetail holders & special adaptors
- Large capacity positioning range
- Can be locked in any position
- Base 3" wide x 3.54" long
- Large handwheel provides fine adjustment
- Stainless steel construction
- Packed in a high quality aluminum case
- Weight 4.8 lbs. (2.2 kg)

Order Number	Description	List Price	Sale Price
F52-620-717	Workshop Transfer Stand	\$108.90	<b>\$89.95</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

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Fowler

TOOL-A-THON

Winter 2014

# CHROME FLEX MAG SET

With **INDI-X Blue** Electronic Indicator or **AGD Black face Indicator**

### Indi-X Blue Indicator features:

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

Included Magnetic Indicator Back for mounting to most metal surfaces!



### Flex Arm Mag Base features:

- Corrosion resistant chrome plated flex arm
- 85 lb. pull magnet
- Holds rigidly in almost any position.
- V-base for mounting on rounded surfaces.

### Magnetic Indicator Back features:

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



All in a shop-hardened case.

### AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

See the Indi-X Blue on [page 19!](#)

Order Number	Description	List Price	Sale Price
F54-585-100	Chrome Flex Mag and Indi-X Blue Electronic Indicator Set	\$230.95	<b>\$125.60</b>
F52-585-500	Chrome Flex Mag and AGD Black Face Indicator Set	173.25	<b>86.70</b>

# Fine Adjust Mag Base Set

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

### Indi-X Blue Indicator features:

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

Included Magnetic Indicator Back for mounting to most metal surfaces!



### Magnetic Base features:

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

### Magnetic Indicator Back features:

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



### AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

All in a shop-hardened case.

See the Indi-X Blue on [page 19!](#)

Order Number	Description	List Price	Sale Price
F54-585-075	Fine Adjust Mag Base Set with Indi-X Blue Electronic Indicator Set	\$196.35	<b>\$147.26</b>
F52-585-125	Fine Adjust Mag Base with AGD White Face Indicator Set	\$150.15	<b>112.61</b>

## Deluxe Dial Gage Stand

- Measuring Range: 5"/125mm
- Quick positioning and adjustment
- Zero settings with knob for fine adjustment
- Fine adjustment of 5/32"
- Holds indicators with stems of 3/8" and 8mm
- Diameter of column is 1"
- Working surface of 3-1/2" x 3-1/2"
- Base Height: 1.5"
- Base Width: 4"
- Base Length: 6"
- Overall Height: 8.5"



Indicator shown not included.

Order Number	Description	List Price	Sale Price
F52-580-015	Deluxe Dial Gage Stand	\$286.00	<b>\$126.30</b>

## AGD or **INDI-Xblue** Indicator & Stand Combo

### Stand features:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Column height is 8"
- Microscrew fingertip control
- Flatness = .00005"

### Black Face Indicator features:

- Reading: .001"
- 1" Travel
- AGD Group 2
- Dial diameter: 2-1/4"
- Continuous reading: 0—100

## **INDI-Xblue**

### Indi-X Blue Electronic Indicator features:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point



Order Number	Description	List Price	Sale Price
F52-580-109	Black Face Indicator and Stand Combo	\$179.60	<b>\$115.50</b>
F54-580-250	Indi-X Blue Electronic Indicator and Stand Combo	216.65	<b>146.65</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

# X-PROOF<sup>®</sup> HOT

## X-Proof IP54 Shockproof Indicator



**NEW!**

**BEST VALUE  
IP54 Shockproof  
Indicator**

**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



**AVAILABLE  
JANUARY 2014**

*Blackface Model F52-520-455*

Order Number	Description	List Price	Sale Price
F52-520-450	<b>NEW</b> X-Proof Indicator—Whiteface	\$69.40	<b>\$29.80</b>
F52-520-455	<b>NEW</b> X-Proof Indicator—Blackface ( <i>Available January 2014</i> )	75.00	<b>32.25</b>

## X-Proof 0-22" Dial Depth Gage

**with IP54 protection!**



**NEW!**

**Features:**

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



**AVAILABLE  
JANUARY 2014**

*All in a shop-hardened case.*

Order Number	Description	List Price	Sale Price
F52-125-007	<b>NEW</b> X-Proof Depth Gage	\$185.00	<b>\$122.00</b>



# SPOT



Fred V. Fowler Co., Inc.

Fowler

TOOL-A-THON

**VALUE!**  
**Shockproof**  
**available!**

**NEW!**



## X-Proof Gage Stand

### Stand features:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Microscrew fingertip control
- Flatness = .00005"

### X-Proof Indicator (F52-520-450):

- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design.
- Rubber bellows on stem.
- O-ring seal on safety cap.
- O-ring protection for bezel and rotating dial.
- Sealed back plate.



**FREE Fowler Hat**  
**with Purchase!**

Order Number	Description	List Price	Sale Price
F52-580-450	<b>NEW</b> X-Proof Gage Stand	\$177.20	<b>\$115.00</b>

## X-Proof Water Resistant Indicator Set



### Magnetic Base (F52-585-010):

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

### X-Proof Indicator (F52-520-450):

- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design.
- Rubber bellows on stem.
- O-ring seal on safety cap.
- O-ring protection for bezel and rotating dial.
- Sealed back plate.



**FREE Fowler Hat**  
**with Purchase!**

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

Order Number	Description	List Price	Sale Price
F52-585-155	<b>NEW</b> X-Proof Water Resistant Indicator Set	\$77.85	<b>\$55.00</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

Winter 2014

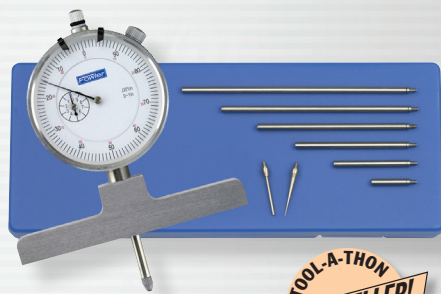
## 0-22" Depth Gage

**X-DEPTH 22**



*Twice the range of competitive products!*

- 0—1" travel indicator
- .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 Number	Description	List Price	Sale Price
F52-125-006-1	0—22" Depth Gage	\$170.25	<b>\$101.20</b>

## X-DEPTH 22- $\frac{1}{2}$ 0-22" Electronic Depth Gage



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



Order Number	Description	List Price	Sale Price
F54-125-777	0—22" Electronic Depth Gage	\$229.55	<b>\$158.20</b>

## Long Range Indicator Test Set

- For direct measurements.
- Dial rotates for setting at any point.
- Includes mag base with post and dual diameter rod.
- Includes indicator which features 1" range; .001" graduations; reading: 0-100; 2-1/4" dial diameter and includes rod connector and holding clamp.
- Carbide contact point.
- Includes shop-hardened case.



Order Number	Description	List Price	Sale Price
F52-520-707	Long Range Indicator Test Set	\$130.00	<b>\$110.00</b>

## Economy Depth Micrometers

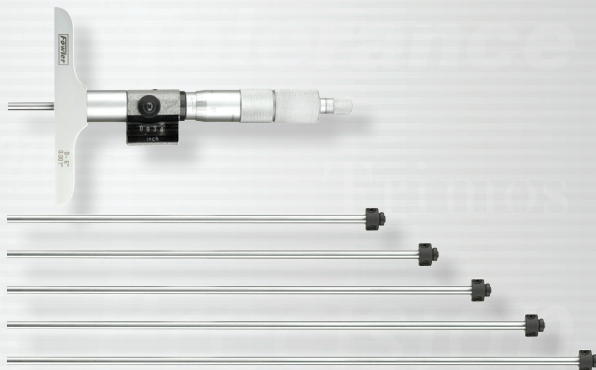


- Satin chrome finish
- Base surface hardened, ground & lapped.
- Ratchet thimble
- Locking clamp
- .001" Graduation
- Rod diameter: .176"
- Includes shop-hardened case.

Order Number	Range	Graduation	Base	List Price	Sale Price
F52-225-110	0—4"	.001"	2.5"	\$112.60	<b>\$99.80</b>
F52-225-112	0—6"	.001"	2.5"	136.80	<b>122.60</b>
F52-225-114	0—4"	.001"	4"	119.30	<b>107.00</b>
F52-225-116	0—6"	.001"	4"	142.50	<b>136.50</b>

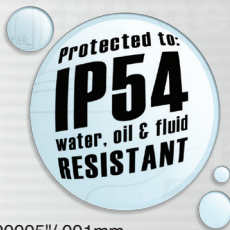
## Economy Digit Counter Depth Micrometer

- 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.



Order Number	Range	Graduation	Base	List Price	Sale Price
F52-225-176	0—6"	.001"	2.5"	\$141.05	<b>\$132.00</b>
F52-225-226	0—6"	.001"	4"	152.90	<b>140.00</b>

## IP54 Electronic Depth Micrometers



- Resolution: .00005"/.001mm
- Range: 0—6"/150mm
- Hardened tool steel, precision ground and microlapped 4" base.
- Rod diameter: .176"
- Protected to IP54 standards
- Direct RS232 output.
- Automatic switch off
- Large LCD display
- Includes fitted case.



Order Number	Description	List Price	Sale Price
F54-225-456	0—6"/150mm Electronic Depth Micrometer	\$199.90	<b>\$162.95</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

# XTRA-RANGE® Inside Micrometer

- Range: .2—2.2"
- Satin chrome finish on barrel and thimble.
- Microfine graduations (.001") on a satin chrome finish permit easy reading.
- Accuracy:  $\pm .0002"$  (.005mm)
- Ratchet stop thimble
- Easy zero adjustment on the sleeve.
- Meets or exceeds Federal accuracy specs.
- Includes a setting ring.
- Includes a spanner wrench and a fitted case.



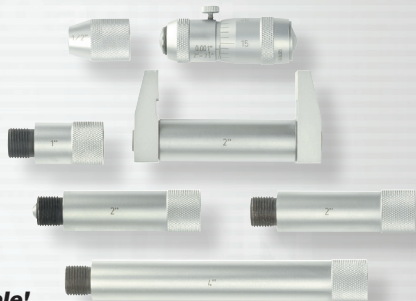
**Includes setting ring!**

**RANGE: .2" to 2.2!"**

Order Number	Description	Range	List Price	Sale Price
F52-275-005	Inside Micrometer	.2 - 2.2"	\$146.70	<b>\$121.50</b>

## Inside Micrometers

- Each set consists of an inside micrometer head and a series of fully hardened and lapped extension rods of different lengths.
- Anvil and spindle are hardened and precision ground with microlap finish on ends.
- Spindle thread hardened, ground & lapped.
- .001" Microfine graduations on satin chrome.
- Positive locking nut on spindle.
- Meets or exceeds Federal accuracy specs.
- Reference standard included with set.
- Includes a wrench and a fitted case.



**\*Larger Ranges and Metric Units Available!  
Contact the Fowler Technical Department.**

Order Number	Description	List Price	Sale Price
F52-243-026-1	2"-6" Inside Micrometer	\$116.50	<b>\$89.00</b>
F52-243-212-1	2"-12" Inside Micrometer	141.10	<b>119.00</b>
F52-243-220-1	2"-20" Inside Micrometer	186.50	<b>144.00</b>

## Ultra-Cal III Electronic Groove & Recess Gage



**Special Low-Price!**

**NEW!**

**Limited Quantities!**

- Direct RS-232 output.
- External measurement 0-12" depending on accessories.
- Internal measurement 1-13/16"—13-1/2" depending on accessories.
- Resolution: .0005"(.01mm)
- Accuracy:  $\pm .0015"$  (.04mm)
- Sylvac capacitive measuring system.

- Measures rotors and brake drums.
- Two preset memories.
- Inch/metric conversion.
- Interchangeable anvils for inside/outside measurement.
- Includes flat and point style contacts & battery.
- Uses 4-48 thread contact points.
- 4.5" Jaw length

Order Number	Description	List Price	Sale Price
F54-150-012	<b>NEW</b> 0-12" Ultra-Cal III Electronic Groove & Recess Gage	\$1149.50	<b>\$750.00</b>
F54-115-333	RS-232 Cable	119.00	

## 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.

# XTENDER



(F52-646-300)



(F52-646-100)

Order Number	Description	Range	List Price	Sale Price
F52-646-100	Dial Bore Gage Set	.7—1.5"	\$139.10	<b>\$103.20</b>
F52-646-300	Dial Bore Gage Set	2—6"	114.95	<b>103.20</b>

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

# XTENDER

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

### 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.



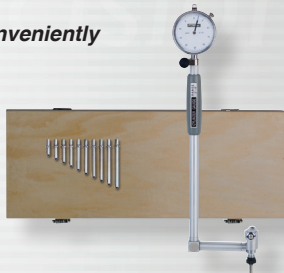
Order Number	Description	List Price	Sale Price
F52-646-400	Inch X-Tender Bore Gage Set	\$174.80	<b>\$124.60</b>
F52-646-220	Metric X-Tender Bore Gage Set	193.15	<b>135.20</b>

## 2" to 6" Right Angle Dial Bore Gage with Carbide Anvils

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

### Carbide anvils

- Easy-to-read
- Economical
- Range: 2" to 6"
- Graduation: .0005"
- Chrome plated handle
- Insulated grip
- Includes extension holder and fitted wooden case.



Order Number	Description	List Price	Sale Price
F52-646-250	2—6" Dial Bore Gage Set	\$258.75	<b>\$145.92</b>

## X-TRA RANGE® 4" to 12" Bore Gage with Carbide Anvils

### Carbide Anvils

- 4" to 12" range
- 10" measuring depth
- Easy-to-read
- Economical
- Graduation: .0005"
- Insulated grip
- Chrome plated handle.
- Includes extension holder and wooden case.



Order Number	Description	List Price	Sale Price
F52-646-600	X-tra Range Bore Gage	\$207.20	<b>\$190.50</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## 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

- Base anvil: 2.750" x .80"
- Adjustable anvil 2.375" x .375" (two each)
- Internal capacity: 6"/150mm
- Depth capacity: 1"/25mm
- Centralizer capacity width: 2.625"/66.7mm
- Quick-release holder for fast adjustment.
- Can also be used for external setting, depending on application

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

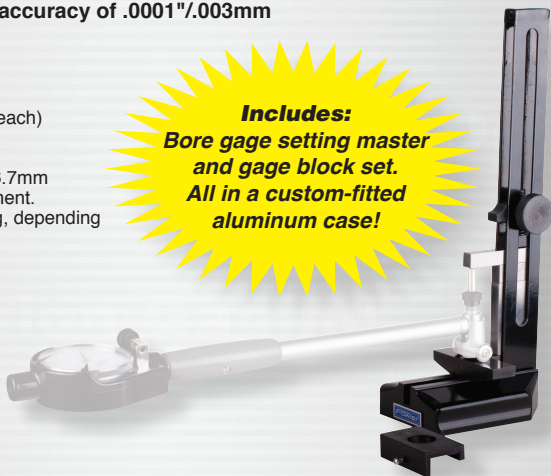
### Economy Gage Block Sets

#### 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 Number	Description	List Price	Sale Price
F53-646-000	Inch Bore Gage Setting Master Kit	\$275.00	<b>\$198.95</b>
F53-646-010	Metric Bore Gage Setting Master Kit	\$295.00	<b>\$259.80</b>

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



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



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.

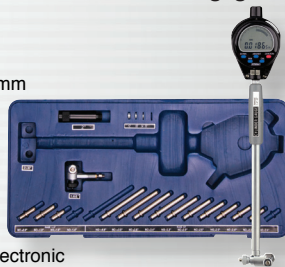


#### Bore Gage Features:

- 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



Includes **FREE** Instructional CD!



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

Order Number	Description	List Price	Sale Price
F54-646-401	XTender-E Bore Gage Set	\$301.90	<b>\$265.80</b>
F54-100-350	CR2032 Battery	5.50	

# XTRA-VALUE Internal & External Electronic Caliper Gages

Fowler

TOOL-A-THON

Winter 2014



F54-554-630

- Robust housing
- Large LCD display
- Reading: .01"/.1mm/1/64ths
- Accuracy: .01"/.3mm/1/64ths
- Battery: CR2032
- Spring loaded with locking nut



F54-554-730

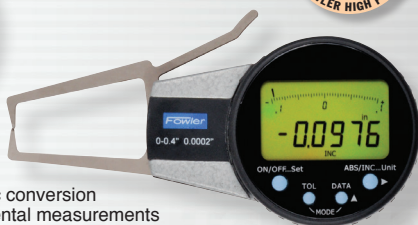
INCH • METRIC • FRACTION

Order Number	Description	Range	List Price	Sale Price
F54-554-630	Outside Caliper Gage	0-6"/150mm	\$44.25	<b>\$36.20</b>
F54-554-730	Inside Caliper Gage	.5-6"/150mm	44.25	<b>36.20</b>
F54-100-350	CR2032 Battery		5.50	

## Internal & External Electronic Caliper Gages



F54-554-611



TOOL-A-THON  
BEST SELLER!  
FOWLER HIGH PRECISION

- Easy to hold
- Rugged housing
- Large, LCD display
- Resolution: .0002"/.005mm
- Accuracy:  $\pm .0008"/\pm .02$ mm

- Preset capability
- Direct inch/metric conversion
- Absolute/Incremental measurements
- High-impact, aircraft aluminum case

F54-554-711

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

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

### Internal Caliper Gages

Order Number	Range	List Price	Sale Price
F54-554-611	.200" - .590"/5-15mm	\$162.35	<b>\$141.20</b>
F54-554-622	.200" - 1"/5 - 25mm	174.15	<b>151.40</b>
F54-554-623	.400" - 1.2"/10 - 30mm	185.85	<b>162.40</b>
F54-554-624	.790" - 1.6"/20 - 40mm	185.85	<b>162.40</b>
F54-554-625	1.2" - 2"/30 - 50mm	185.85	<b>162.40</b>
F54-100-350	CR2032 Battery	5.50	

### External Caliper Gages

Order Number	Range	List Price	Sale Price
F54-554-711	0 - .400"/0 - 10mm	\$162.35	<b>\$141.20</b>
F54-554-722	0 - .790"/0 - 20mm	174.15	<b>151.40</b>
F54-554-723	.4" - 1.2"/10 - 30mm	185.85	<b>162.40</b>
F54-554-724	.790" - 1.6"/20 - 40mm	185.85	<b>162.40</b>
F54-554-725	1.2" - 2"/30 - 50mm	185.85	<b>162.40</b>
F54-100-350	CR2032 Battery	5.50	

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

# XTRA-VALUE 9" Electronic Level

Fowler's 9" Laser Level provides instant 4 x 90° digital inclination display. With embedded magnets on its measuring surface, a beamsplitter projects a 90° laser cross hair for leveling at-a-distance. It also includes a 1/4-20 mount for tripod use.

- Measuring range: 4 x 90°
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: ±.05
- Standard 9 volt battery (250 hours life)
- Dimensions: 9"L x 1"W x 2-1/4"H
- Includes two-way level and plumb vials.
- Reversible reading for inverted use.



Order Number	Description	List Price	Sale Price
F54-440-600	Xtra-Value 9" Electronic Level	\$67.15	<b>\$55.99</b>

# mini-MAG Protractor



**Dimensions:**

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

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



Display inverts for easy reading!

Order Number	Description	List Price	Sale Price
F54-422-450-1	Mini-Mag Protractor	\$89.55	<b>\$69.50</b>

# 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



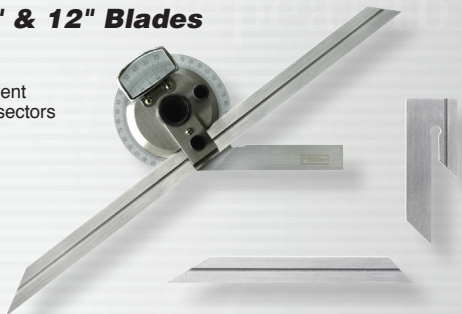
**USE THE DIGI-PRO TO MAKE FAST AND ACCURATE ANGULAR MEASUREMENTS!**

Order Number	Description	List Price	Sale Price
F54-440-740-1	4" Digi-Pro Electronic Protractor	\$82.50	<b>\$62.80</b>
F54-440-775-1	12" Digi-Pro Electronic Protractor	98.95	<b>67.80</b>
F54-100-350	CR2032 Battery	5.50	



## Bevel Protractor with 6" & 12" Blades

- Magnifier for vernier
- Includes 6" & 12" blades and an angle attachment
- Satin chrome finish for easy readings in 0-90° sectors
- Graduation: 1°
- Reading to 5 minutes with vernier
- Includes fitted case



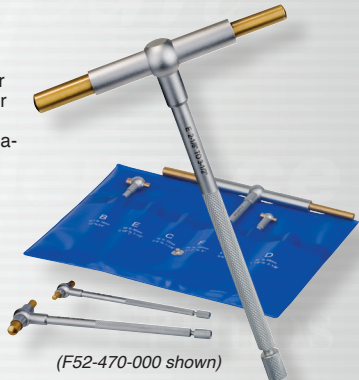
Order Number	Description	List Price	Sale Price
F52-440-612	Bevel Protractor	\$211.70	<b>\$101.20</b>

## Telescoping Gage Sets

available with or without Titanium Coated contact points!

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. Model no. 52-470-000 features Titanium coated points for consistent accuracy and increased durability.
- Double action rigid handle with self-centering feature for quick checking of inside measurements.
- Constant spring tension for uniform feel.
- Covers a measuring range of 5/16" to 6" with measurable depths of 4" to 5".
- Includes fitted vinyl case.



(F52-470-000 shown)

Order Number	Description	List Price	Sale Price
F52-470-006	Telescoping Gage Set	\$98.80	<b>\$78.50</b>
F52-470-000	Telescoping Gage Set with Titanium coated contact points	\$109.95	<b>\$82.70</b>

## 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
- Locating accuracy 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



Order Number	Description	List Price	Sale Price
F52-710-025	2D Coaxial Set-Inch	\$223.10	<b>\$166.80</b>
F52-710-030	2D Coaxial Set-Metric	223.10	<b>166.80</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Edge Finder Set

**Contains:**

- 3/8" x .200" Edge Finder
- 1/2" x .200" Edge Finder
- 1/2" x .200" Combo Edge Finder
- 1/2" x .500" Edge Finder
- Complete in fitted case.



Order Number	Description	List Price	Sale Price
F52-575-125	Edge Finder Set	\$45.70	<b>\$39.50</b>

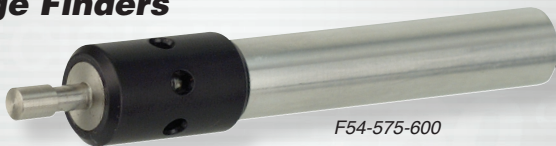
## Audible/Conventional Edge Finder Set

- Contains: 3/8" x .200" combo edge & center finder
- 1/2" x .200" combo edge & center finder
- 3/8" x .200" audible edge finder
- 1/2" x .500" audible edge finder
- Complete in fitted wooden case.



Order Number	Description	List Price	Sale Price
F52-575-100	Audible/Conventional Edge Finder	\$57.15	<b>\$48.99</b>

## Electronic Edge Finders



F54-575-600



F54-575-625



F54-575-650

- 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.

Along with light indication, model #F54-575-650 emits an audible "beep" at time of contact.

Order Number	Stylus	Shank	Audible	Battery	List Price	Sale Price
F54-575-600	.200"	1/2"	NO	12 volt	\$28.00	<b>\$22.85</b>
F54-575-625	.200"	1/2"	NO	12 volt	98.75	<b>87.95</b>
F54-575-650	.400"	3/4"	YES	12 volt	98.75	<b>87.95</b>

# Rules

## EZ-Read Black Face Rules

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



## Golden Rules

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

**GRADUATIONS**  
**4R:** 8ths, 16ths, 32nds, 64ths  
**5R:** 32nds, 64ths, 10ths, 100ths



## Satin Chrome Rules

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

## RIGID STEEL RULES

Order Number	Finish	Size	Reading	List Price	Sale Price
F52-330-006	Satin Chrome	6"	4R	\$9.90	<b>\$8.60</b>
F52-337-006	Black	6"	4R	8.35	<b>6.25</b>
F52-339-006	Golden	6"	4R	20.60	<b>17.25</b>
F52-330-012	Satin Chrome	12"	4R	17.20	<b>14.60</b>
F52-337-012	Black	12"	4R	17.20	<b>10.70</b>
F52-339-012	Golden	12"	4R	39.55	<b>33.80</b>
F52-340-006	Satin Chrome	6"	5R	9.50	<b>7.55</b>
F52-347-006	Black	6"	5R	8.35	<b>6.25</b>
F52-349-006	Golden	6"	5R	20.60	<b>17.25</b>
F52-340-012	Satin Chrome	12"	5R	15.60	<b>14.60</b>
F52-347-012	Black	12"	5R	17.20	<b>10.95</b>
F52-349-012	Golden	12"	5R	39.55	<b>33.80</b>

## FLEXIBLE STEEL RULES

Order Number	Finish	Size	Reading	List Price	Sale Price
F52-295-006	Satin Chrome	6"	4R	\$9.50	<b>\$7.05</b>
F52-297-006	Black	6"	4R	7.80	<b>5.75</b>
F52-299-006	Golden	6"	4R	20.30	<b>17.70</b>
F52-295-012	Satin Chrome	12"	4R	14.60	<b>13.00</b>
F52-297-012	Black	12"	4R	12.00	<b>9.90</b>
F52-299-012	Golden	12"	4R	36.40	<b>31.20</b>
F52-300-006	Satin Chrome	6"	5R	9.50	<b>7.05</b>
F52-307-006	Black	6"	5R	7.80	<b>5.75</b>
F52-309-006	Golden	6"	5R	20.30	<b>17.70</b>
F52-300-012	Satin Chrome	12"	5R	14.60	<b>13.00</b>
F52-307-012	Black	12"	5R	12.00	<b>9.90</b>
F52-309-012	Golden	12"	5R	36.40	<b>31.20</b>

## 6"/150mm Pocket Steel Rule



- Rounded edge prevents damage to shirt pocket.
- Inch graduations are in 64ths.
- Metric scale is in 1mm increments.
- Rule width: .470"
- Rule thickness: .021"



Order Number	Description	List Price	Sale Price
F52-380-100	6"/150mm Pocket Steel Rule	\$6.25	<b>\$4.95</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Gage Ball Sets

- Ball gages are ground and lapped chrome steel.
- Hardened to 58 to 63RC.
- Grade 24 accuracy-AFBMA Certificate ( $\pm 0.001''$ )
- F52-438-766 Set includes 26 pairs
- Pair sizes in inches: 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 13/16, 7/8, 15/16 and 1"
- F52-438-777 Metric Set includes 25 pairs.
- Pair sizes in mm: 1mm to 25mm.



Complete in a "Shop Hardened" molded case!



Order Number	Description	List Price	Sale Price
F52-438-766	52 Piece Gage Ball Set	\$70.95	<b>\$64.99</b>
F52-438-777	50 Piece Metric Gage Ball Set	70.95	<b>64.99</b>

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



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

Order No.	Description	List Price	Sale Price
F52-439-031	1-2-3 Blocks	\$84.55	<b>\$29.89</b>
F52-439-246	2-4-6 Blocks	199.50	<b>169.80</b>

## 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.	List Price	Sale Price
F52-439-001	\$129.35	<b>\$55.00</b>

## SHOP-BLOX® Rectangular Gage Block Set

- 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.



Order Number	Description	List Price	Sale Price
F53-672-036	36 piece Economy Rectangular Gage Block Set	\$275.00	<b>\$231.00</b>
F53-672-081	81 piece Economy Rectangular Gage Block Set	484.00	<b>390.00</b>

## Grade Ø Rectangular Steel Gage Block Sets

- Grade Ø
- Each block certified to N.I.S.T.
- Each block is individually serialized.
- Sizes clearly marked on each block.
- Complete with fitted wooden case.



Order Number	Description	List Price	Sale Price
F53-670-038	36 piece Grade Ø Rectangular Gage Block Set	\$434.55	<b>\$231.00</b>
F53-670-080	81 piece Grade Ø Rectangular Gage Block Set	799.70	<b>510.00</b>

## 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 Number	Description	List Price	Sale Price
F52-475-500	X-Blox V-Block Set	\$103.50	<b>\$60.12</b>

## All-Angle V-Block

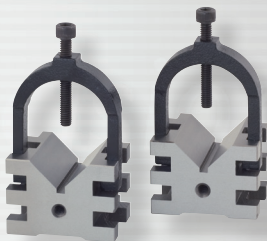
- For grinding, milling or drilling.
- Made of hardened and precision ground tool steel.
- Sides are parallel and vee is central and ground.
- Central hole is provided for drilling or removing pins.
- V-Block has four 3/8" — 16 tapped holes, two in the bottom and one on each side for angle non-clamping.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



Order Number	Description	List Price	Sale Price
F52-475-050	All-Angle V-Block and Clamp	\$71.50	<b>\$59.90</b>

## V-Block Set

- 2" height x 2-3/4" length x 2" width
- Two clamps, with screw hole at 90 degrees for positive clamping of work, are included.
- Clamping capacity; 2" (50mm.)
- 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 .0002".
- Matched pair of V-Blocks are perfectly aligned with 90 degree V-grooves ground central and parallel to the sides and base.



Order Number	Description	List Price	Sale Price
F52-475-555	V-Block Set	\$223.10	<b>\$148.00</b>

## SHOP-BLOX® V-Block Sets

- Accuracy: .001"
- Parallelism tolerance: ±.0005"
- Perpendicularity tolerance: ±.0005"
- All sides are ground square and parallel to each other.
- V-slots and centered, parallel and square to each other in pairs.
- Constructed of heat-treated and hardened tool steel.
- Ideal for setup, milling, grinding and drilling applications.



External clamping type



Internal clamping type

Order Number	Dimensions	Clamping Type	Capacity	List Price	Sale Price
F52-475-005-1	1-5/8" x 1-1/4" x 1-1/4"	External	1"	\$108.90	<b>\$39.00</b>
F52-475-010-1	2" x 1-1/2" x 1-1/2"	External	1-1/2"	176.00	<b>70.00</b>
F52-475-015-1	2-3/4" x 2-1/2" x 1-3/4"	Internal	1-1/2"	203.50	<b>99.00</b>
F52-475-020-1	4-7/8" x 3-1/2" x 2-3/4"	Internal	2-1/8"	396.00	<b>180.00</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Z-600 1D Motorized Height Gage



### Features:

- Measuring Range: 24"/600mm
- Expandable Range: 36"/915mm
- Resolution: .00005"/.001mm
- Accuracy: .0002"/.0054 μm
- Motorized movement
- Easy-to-use icon driven display
- Ergonomic design
- Built-in pump provides air cushion to reduce wear and fatigue
- Multiple reference at any point
- USB output
- 1 year warranty

**Save \$900.00**

**Fowler Z-600**

### Measurement Features:

- Heights, depths
- ID/OD Measurements
- Centerline measurements
- Groove & Ledge measurement
- Squareness measurement capability\*\*
- Parallelism measurement
- Preset at any point
- 1D Measurement
- Inch/metric conversion

**NEW!**

\* With standard probe (4mm ball)

\*\* With electronic probe FowlerScan50

**\*Receive a FREE 10mm Ball Probe with Purchase!**

Order Number	Description	List Price	Sale Price
F54-180-600	<b>NEW</b> Z600 Electronic Height Gage	\$4899.00	<b>\$3999.00</b>

## Z-HEIGHT

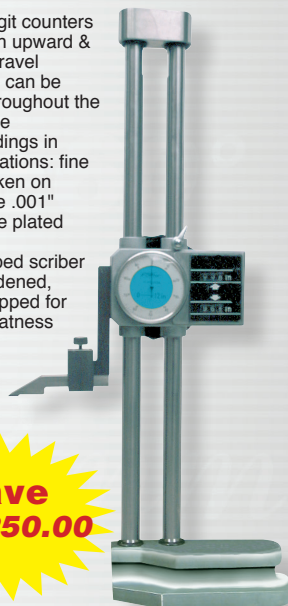
**TOOL-A-THON  
BEST SELLER!**  
FOWLER HIGH PRECISION

- Direct Inch/Metric Conversion
- Accuracy:
  - 0-12" model: ±.0015"
  - 0-18" model: ±.002"
  - 0-24" model: ±.003"
- Resolution .0005" (.01mm)
- Large, high contrast LCD display
- Hold feature
- ABS/INC Measurement
- Floating zero
- Positive lock
- Includes molded case
- Carbide scriber



## 24" Twin Beam Dial Height Gage

- 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

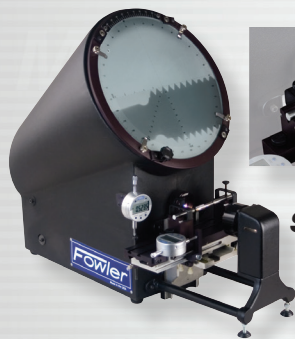


**Save over \$250.00**

Order No.	Range	List Price	Sale Price
F54-175-012	0-12"/0-300mm	\$465.90	<b>\$331.20</b>
F54-175-018	0-18"/0-450mm	543.20	<b>391.20</b>
F54-175-024	0-24"/0-600mm	611.50	<b>465.80</b>
F54-100-350	CR2032 Battery	5.50	

Order No.	Range	List Price	Sale Price
F52-174-224	24"	\$682.10	<b>\$409.50</b>

## Optical Comparator with Accessory Package



The Fowler comparator is economical-ly designed for basic comparative and absolute measurements and includes:

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

**GREAT for**  
**Small Work Spaces!**

- 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 Number	Description	List Price	Sale Price
F53-900-100	Optical Comparator with Accessory Package	\$2475.00	<b>\$2150.00</b>
F53-900-000	Optical Comparator ONLY	2219.00	<b>1899.00</b>

## Hi\_Gage One

**NEW!**



- Direct RS-232 output
- The 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 .001"
- Includes scriber/measuring probe
- **Scale not affected by oil, dust, chips, magnetism, shock, etc.**

**\*Receive a FREE 8mm Ball Probe with Purchase!**



Order No.	Range	List Price	Sale Price
F54-212-024-1	24"/600mm	\$1725.00	<b>\$1399.00</b>

## Hi\_Cal Height Gage



- Measuring range: 6"/150mm
- Accuracy: .00013"/.0034 µm
- Extra low measuring force, from 0.2N
- Measurement of internal and external diameters, centerlines, heights, widths, depths, surfaces.
- 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.

Order No.	Range	List Price	Sale Price
F54-931-150	6"/150mm	\$4437.00	<b>\$4150.00</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

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**Fowler**

**TOOL-A-THON**

**Winter 2014**

## 4 & 8 Drive Pin Punch Sets

- Finished in black nitrate. Made of chrome alloy steel. Hardened on both ends.
- Knurled finger grip for easy handling.
- Length is 4".
- 4 punch set: 3/16", 7/32", 1/4" and 5/16"
- 8 punch set: 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" and 5/16"
- Includes fitted case.



**50% Off!**

Order Number	Description	List Price	Sale Price
F52-500-200	4 Drive Pin Punch Set	\$12.10	<b>\$5.50</b>
F52-500-255	8 Drive Pin Punch Set	17.15	<b>7.80</b>

## Extra Long Drive Pin Punch Set

- 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 Number	Description	List Price	Sale Price
F52-500-300	Extra Long Drive Pin Punch Set	\$16.05	<b>\$11.35</b>

## Center Punch Set

- 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.

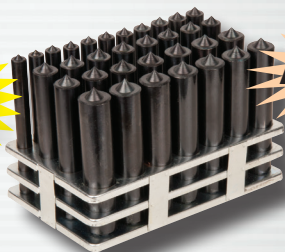


Order Number	Description	List Price	Sale Price
F52-500-015	Center Punch Set	\$11.45	<b>\$7.00</b>

## Transfer Punch Set

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

**NEW Range!**



**NEW!**

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

Order Number	Description	Range	List Price	Sale Price
F52-482-028	28 Piece Transfer Punch Set	3/32"-1/2"	\$48.95	<b>\$34.90</b>
F52-482-030	<b>NEW</b> 33 Piece Transfer Punch Set	1/2"-1"	85.00	<b>72.99</b>

## Screwdriver Kit



**NEW!**

- This precision Screwdriver and Tool Set is ideal for miniature work.
- Features knurled and chromed swiveling handles.
- Screwdriver and Tool Set contains 9 screwdrivers, **1 tapered point scratch awl and 1 magnetic pick-up tool.**
- Screwdriver size range: #00, #0, #1, 1/32", 3/64" 1/16", 5/64", 3/32" and 1/8".

Order Number	Description	List Price	Sale Price
F52-490-003	<b>NEW</b> Screwdriver Set	\$24.20	<b>\$20.99</b>

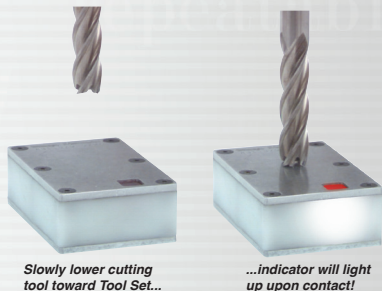


## Fowler/Mirage Tool Set

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

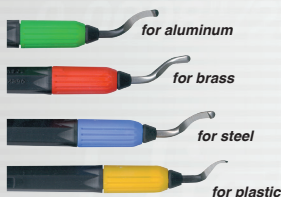


Order Number	Description	List Price	Sale Price
F54-575-750	Fowler/Mirage Tool Set	\$91.45	<b>\$80.00</b>

## 4 Piece Deburring Cutter Set

4pc Deburring Cutter Set features four separate color coded cutters. Each color indicates the material that the cutter is intended for.

- 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 Number	Description	List Price	Sale Price
F52-483-777	4 pc. Deburring Cutter Set	\$14.85	<b>\$12.50</b>

For replacement blades see page 511 of Fowler's Main Catalog #2304

## 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 Number	Description	List Price	Sale Price
F52-483-888	Universal Deburring, Cleaning & Countersink Set	\$51.50	<b>\$36.35</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Metal Etching Pen

A "must" for any tool room and machine shop for general marking purposes, Fowler's metal etching pen is used on copper, copper alloy, stainless steel, hardened steel tools and castings, etc.

Use it to initial personal tools. Its low-cost, disposable design offers limitless applications.

**NEW!**



*Personalize your tools!*

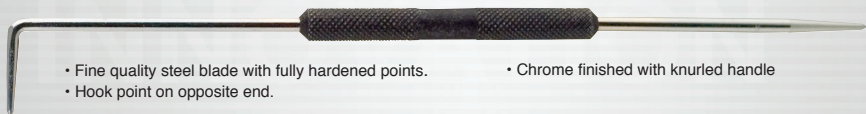
Order Number	Description	List Price	Sale Price
F52-730-005	<b>NEW</b> Disposable Felt Tip Metal Etching Pen, overall length is 6-1/4"	\$17.35	<b>\$14.85</b>

## Steel Scribers



- Aluminum knurled steel tubing body.
- Chuck holds hardened tempered scriber point which is removable and replaceable.

Order Number	Description	Overall Length	List Price	Sale Price
F52-515-005	Pocket Scriber	5.625"	\$4.70	<b>\$2.60</b>



- Fine quality steel blade with fully hardened points.
- Chrome finished with knurled handle
- Hook point on opposite end.

Order Number	Description	Overall Length	List Price	Sale Price
F52-515-025	Point Scriber	8.5"	\$4.70	<b>\$2.60</b>

## Carbide Tipped Scriber Values!



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

Order Number	Description	Overall Length	List Price	Sale Price
F52-500-050	Carbide Super Scriber	6.5"	\$29.80	<b>\$26.80</b>
F52-500-055	Carbide Refill		9.50	



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

Order Number	Description	Overall Length	List Price	Sale Price
F52-500-000	Pocket Carbide Scriber	6.0"	\$16.00	<b>\$11.50</b>
F52-515-046	Carbide Refill		6.05	



- Heavy duty
- Replaceable carbide tip
- Knurled grip
- Pocket clip
- Magnetic end cap

Order Number	Description	Overall Length	List Price	Sale Price
F52-500-080	Replaceable Tip Carbide w/magnetic end cap	5.75"	\$8.60	<b>\$5.75</b>
F52-500-085	Carbide Refill		1.75	

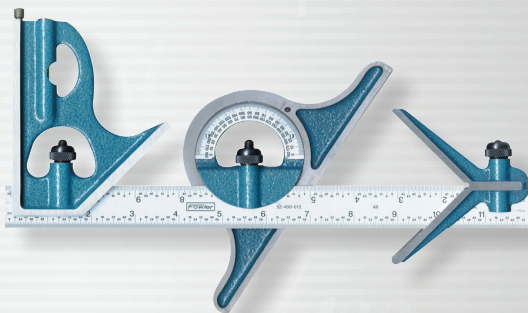


- Heavy duty
- Fixed carbide tip
- Pencil-like design
- Pocket clip

Order Number	Description	Overall Length	List Price	Sale Price
F52-500-090	Fixed Tip Scriber	6.0"	\$5.80	<b>\$3.50</b>

## Combination Squares

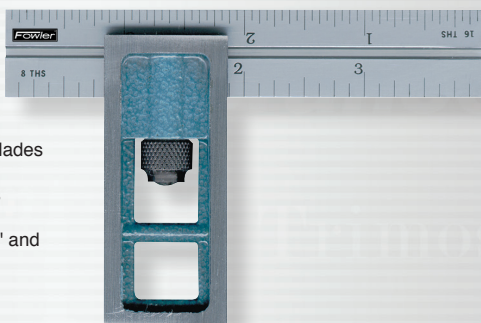
- Blades are chrome plated, fully hardened and tempered, graduated in 8ths, 16ths, 32nds and 64ths.
- Finished in baked blue enamel.
- Square head has level and scriber point.
- Double indexed protractor is graduated 180° in both directions.



Order Number	Description	List Price	Sale Price
F52-373-012	Square Head with 12" blade	\$82.50	<b>\$73.00</b>
F52-386-006	Square and Center Head with 6" blade	112.00	<b>50.00</b>
F52-370-012	Square, Protractor and Center Head with 12" blade	165.90	<b>129.80</b>

## Double Squares

- The precision ground satin chrome blades are hardened and tempered.
- Double Squares can also be used as parallels.
- Cast heads are available with both 4" and 6" blades (see main catalog).
- Blades supplied in 4R graduations.
- Supplied in a carton box.



Order Number	Description	List Price	Sale Price
F52-435-000	Double Square, Cast Head with 4" Blade	\$42.00	<b>\$29.00</b>

## Steel Squares & Sets

- 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:  
 $2" \& 3" = \pm 0.0006"$ ,  $4" \& 6" = \pm 0.0008"$ ,  $9" \& 12" = \pm 0.0012"$



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

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

Order Number	Size/Description	List Price	Sale Price
F52-432-444	3 Piece Square Set: 2", 4" & 6" with shop hardened case	\$52.00	<b>\$47.75</b>
F52-432-246	4 Piece Square Set: 2", 3", 4" & 6" with shop hardened case	61.90	<b>53.95</b>
F52-432-469	4 Piece Square Set: 4", 6", 9" & 12" with shop hardened case	103.95	<b>102.75</b>
F52-432-004	4" Square only	18.75	<b>17.00</b>
F52-432-006	6" Square only	20.80	<b>18.25</b>
F52-432-009	9" Square only	41.60	<b>38.50</b>
F52-432-012	12" Square only	70.75	<b>64.50</b>

Be sure to use the "F" prefix when ordering Tool-A-Thon specials.

## Universal Magnetic Mini Flex Bar 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 Number	Description	List Price	Sale Price
F52-630-451-1	<b>NEW</b> Universal Magnetic Mini Flex Bar with light	\$39.20	<b>\$29.40</b>

## Large Diameter Magnetic Mini Flex Bar with LED Flashlight

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

- 14 LED Ultra-bright flashlight.
- Large, 2" diameter chrome mag base.
- Slim, articulating flex bar allows easy and accurate positioning.
- Quick release mounting bracket clamp.
- Batteries included.



Order Number	Description	List Price	Sale Price
F52-630-455	Large Diameter Magnetic Mini Flex Bar with light	\$37.50	<b>\$28.13</b>

## Large Diameter Magnetic Base with Articulating Arm and LED Flashlight

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

- 14 LED Ultra-bright flashlight.
- Powerful, low-profile magnetic base.
- Positive-locking 6" articulating arm allows for easy and accurate positioning.
- Quick release mounting bracket clamp.
- Batteries included.



Order Number	Description	List Price	Sale Price
F52-630-460	Articulating Arm Magnetic Base with light	\$45.00	<b>\$33.75</b>

## Trimos V-Series Height Gage

### Versatility, Reliability, Durability

Combining a sleek ultra-modern design, robust construction, a user-friendly interface, a 5-year warranty and exceptional value the Fowler/Trimos V-series is the ideal electronic multifunction height gage for your quality control or workshop environment.

Unlike some of our competitor's height gages that require expensive accessories, the V comes fully equipped to handle ID, OD, centerline, MIN/MAX and TIR measurements.

#### NO EXPENSIVE ACCESSORIES REQUIRED!



**FREE Swiss Pocket Knife with Purchase!**

**Save  
\$2145.00**

#### Specifications:

Measuring range	24"/600mm
Application range	32"/835mm
Accuracy	.00027"/7 μm
Squareness deviation (in measuring direction)	.0008"/20 μm
Max. resolution	.00005"/.001mm
Repeatability (2s)	.0002"/4 μm
Max. displacement speed	1.5 m/s
Measuring force	1N
Data output	RS-232

Order Number	Description	List Price	Sale Price
F54-191-024-1	0-24"/600mm Trimos V Electronic Height Gage	\$7095.00	<b>\$4950.00</b>

## 40 & 50 Taper Deluxe Tool Presetter II's



**RS-232C output,  
min/max/tir,  
tolerance limits and  
preset recall!**

- Two built-in displays feature .00005"/.001mm or .0005"/.01mm resolution
- Built-in zero stops for X and Z axes
- 50 or 40 taper models: ISO/BT/NT
- Adaptors available for other tapers
- Tool pot rotates 360°, positive lock
- Radius or diameter display
- Bidirectional (half-duplex) data transmission
- Battery life: 2000 hours
- Knurled knobs for displacement of carriage activate friction measuring pressure. Displacement of the measuring arm by a sliding movement
- Measuring pressure set through a tension spring
- Instrument affixes to a bench



**FREE Swiss Pocket Knife with Purchase!**

**Save  
\$2450.00**

**\*SPECIAL OFFER WHILE  
SUPPLIES LAST!**

Order Number	Description	List Price	Sale Price
F54-188-401	40 Taper Trimos Tool Presetter	\$10250.00	<b>\$7800.00</b>
F54-188-501	50 Taper Trimos Tool Presetter	11500.00	<b>8800.00</b>

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TOOL-A-THON

Winter 2014

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**BEST SELLER!**  
FOWLER HIGH PRECISION

**5-YEAR  
WARRANTY**

INTERFACE  
**RS-232  
BI-DIRECT**

Swiss Quality!



# X-PRO™

## Portable Roughness Tester



- 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.

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

- Stand with swivel
- A variety of probes.
- RS232 output available.
- Printer for hard copy output.



(X-Pro shown with optional stand with swivel.)

### X-Pro Portable Roughness Tester

Order Number	Description	List Price	Sale Price
F54-410-500	Portable Surface Roughness Tester .0004" probe	\$1644.50	<b>\$1500.00</b>
F54-410-600	Portable Surface Roughness Tester .0002" probe	1644.50	<b>1500.00</b>

### X-Pro Portable Roughness Tester Stand with Swivel

Order Number	Description	List Price
F54-400-896	Stand with Swivel Attachment	\$396.00

### X-Pro Portable Roughness Tester Probes and Accessories

Order Number	Description	Resolution	List Price
F54-400-319	General Purpose Probe	.0004"	\$547.80
F54-400-326	General Purpose Probe	.0002"	547.80
F54-420-321	Small Bore Probe	.0004"	715.00
F54-420-327	Small Bore Probe	.0002"	715.00
F54-420-301	Traverse Chisel Probe	.0004"	715.00
F54-420-302	Parallel Chisel Probe	.0004"	715.00
F54-420-328	Groove Bottom Probe	.0004"	715.00
F54-420-120	AC Adapter Kit		60.50

# Clinotronic Plus

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

## Features:

- Range of  $\pm 45^\circ$ , capacity of 0-360°.
- Resolution of 0.01° (selectable).
- Adjustable base length.
- Built-in calibration program.
- Uses standard 1.5v AA batteries.
- Desired units to be selected by push button.
- Automatic setting of zero by push button command.
- Display: use any units common to inclination measurements.
- Absolute or relative measuring mode selectable by push button.
- Seal-tec technology for excellent performance even in difficult environmental conditions.
- Interface connection RS232 is integrated. Special purpose cables available.
- Low battery indication.
- No loss of calibration data by power failure.
- Price includes fitted case.

## Technical Specifications:

- Measuring range/capacity:  $\pm 45^\circ/0-360^\circ$
- Response time: value available within 5 seconds.
- Repeatability:  $<.01^\circ$
- Linearity: within 3 min. of arc
- Temp. coefficient: less than  $0.01^\circ/\text{C}$ .
- Data output: Serial
- Battery: Standard AA 1.5V alkaline/130hrs or AA 3.0V MnO2-Lithium (for longer operation 300/hrs)
- Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1" (100 x 75 x 30mm)
- Weight: 13 oz. (380 grams)
- Temp. range: operational 0 to  $40^\circ\text{C}$ .

**NEW!**



**FREE Fowler Hat with Purchase!**



The following measuring units may be selected:

Deg/Arcmin	00° 00'
Arcmin / Arcsec	00' 00"
GON / Neugrad (2 Dec)	00.00 gon
GON / Neugrad (4 Dec)	.0000 gon
mm / rel.Basis (2 Dec)	00.00 mm/m
mm / rel.Basis (4 Dec)	.0000 mm/m
Inch / rel.Basis (4 Dec)	.0000"/10"
artillery per mille A‰	0000
mm / m (2 Dec)	00.00 mm/m
Inch / 10 Inches	.0000"/10"
Inch / 12 Inches	.0000"/12"
Milliradian	00.00 mrad (2Dec)
Milliradian	0000 mrad
Deg (2 Dec)	00.00 °
Deg (4 Dec)	.0000 °

Order Number	Description	List Price	Sale Price
F54-635-601	<b>NEW</b> Clinotronic Plus	\$1875.00	<b>\$1725.00</b>
F54-635-610	Replacement Battery	44.00	

# Cross Spirit Level



**NEW!**

## Features

- The Cross Spirit Level is used for leveling machines & other apparatus.
- Overall length: 3.15" (80mm); width: 2.64" (67mm); thickness: .667" (17.2mm).
- Center to center distance of holes is 1.378" (35mm).
- Sensitivity is .001"/10", 20 seconds (.1mm/m).
- 35mm center to center distance
- Level is screw-on type.

Order Number	Description	List Price	Sale Price
F52-422-078	<b>NEW</b> Cross Spirit Level	\$639.00	<b>\$550.00</b>

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Winter 2014

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HIGH PRECISION

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