

# Fowler

HIGH PRECISION

Over 60  
**NEW**  
Items!



***Coming to you soon  
the NEW Fowler  
Mobile Tech Center!  
see page 55***

# TOOL-A-THON

Volume 14.2

# Bowers XTH Holematic Pistol Grips



*Fowler/Bowers XTH Holematic Pistol Grip range of bore gages offer extended travel with fixed anvils. The pistol grip handle incorporates a constant measuring pressure to eliminate operator "feel."*



***Fastest Measuring System!  
Ergonomic Design!  
Amazing Repeatability!***

- Large easy-to-read swivel display
- Self centering heads
- RS-232C output and USB connectivity
- Three preset memories
- Fixed anvils
- Resolution: .00005" / .001mm
- Range .080" – 12" (2 – 300mm)
- Tungsten carbide measuring faces on all 3-point heads from .5" (12.5mm) and up.
- Heads with special anvils available for threads, splines, slots, etc.
- Sizes over .500" (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grip, heads and rings
- Special anvils available



**Contact the Fowler Technical Department for special anvil applications.**

**Electronic Holematic Pistol Grip XTH - Individual sizes (includes pistol grip, head and ring)**

| Order Number         | Range                     | Accuracy          | Depth         | List Price | Sale Price       |
|----------------------|---------------------------|-------------------|---------------|------------|------------------|
| <b>2-Point Heads</b> |                           |                   |               |            |                  |
| A54-566-701          | .080" — .120" (2—2.5mm)   | .00015" (0.004mm) | .350" (9mm)   | \$2841.00  | <b>\$2272.80</b> |
| A54-566-702          | .100" — .120" (2.5—3mm)   | .00015" (0.004mm) | .350" (9mm)   | 2841.00    | <b>2272.80</b>   |
| A54-566-703          | .120" — .160" (3—4mm)     | .00015" (0.004mm) | .470" (12mm)  | 2841.00    | <b>2272.80</b>   |
| A54-566-704          | .160" — .200" (4—5mm)     | .00015" (0.004mm) | .700" (18mm)  | 2841.00    | <b>2272.80</b>   |
| A54-566-705          | .200" — .250" (5—6mm)     | .00015" (0.004mm) | .700" (18mm)  | 2841.00    | <b>2272.80</b>   |
| <b>3-Point Heads</b> |                           |                   |               |            |                  |
| A54-566-706          | .250" — .312" (6—8mm)     | .00015" (0.004mm) | 2.28" (58mm)  | \$2070.00  | <b>\$1656.00</b> |
| A54-566-708          | .312" — .375" (8—10mm)    | .00015" (0.004mm) | 2.28" (58mm)  | 2036.00    | <b>1628.80</b>   |
| A54-566-710          | .375" — .500" (10—12.5mm) | .00015" (0.004mm) | 2.28" (58mm)  | 2144.00    | <b>1715.20</b>   |
| A54-566-712          | .500" — .625" (12.5—16mm) | .00015" (0.004mm) | 2.44" (62mm)  | 2172.00    | <b>1737.60</b>   |
| A54-566-716          | .625" — .750" (16—20mm)   | .00015" (0.004mm) | 2.44" (62mm)  | 2302.00    | <b>1841.60</b>   |
| A54-566-720          | .750" — 1" (20—25mm)      | .00015" (0.004mm) | 2.62" (66mm)  | 2467.00    | <b>1973.60</b>   |
| A54-566-725          | 1—1.375" (25—35mm)        | .00015" (0.004mm) | 2.62" (66mm)  | 2915.00    | <b>2332.00</b>   |
| A54-566-735          | 1.375" — 2" (35—50mm)     | .00015" (0.004mm) | 3.15" (80mm)  | 2739.00    | <b>2191.20</b>   |
| A54-566-740          | 2—2.625" (50—65mm)        | .00020" (0.005mm) | 3.15" (80mm)  | 2807.00    | <b>2245.60</b>   |
| A54-566-745          | 2.625" — 3.250" (65—80mm) | .00020" (0.005mm) | 3.15" (80mm)  | 2807.00    | <b>2245.60</b>   |
| A54-566-750          | 3.250" — 4" (80—100mm)    | .00020" (0.005mm) | 3.35" (85mm)  | 2989.00    | <b>2391.20</b>   |
| A54-566-800          | 4—5" (100—125mm)          | .00025" (0.006mm) | 3.94" (100mm) | 3131.00    | <b>2504.80</b>   |
| A54-566-825          | 5—6" (125—150mm)          | .00025" (0.006mm) | 3.94" (100mm) | 3323.00    | <b>2658.40</b>   |
| A54-566-850          | 6—7" (150—175mm)          | .00030" (0.007mm) | 3.94" (100mm) | 3527.00    | <b>2821.60</b>   |
| A54-566-875          | 7—8" (175—200mm)          | .00030" (0.007mm) | 3.94" (100mm) | 3669.00    | <b>2935.20</b>   |
| A54-566-876          | 8—9" (200—225mm)          | .00030" (0.008mm) | 3.94" (100mm) | 4673.00    | <b>3738.40</b>   |
| A54-566-877          | 9—10" (225—250mm)         | .00030" (0.008mm) | 4.05" (103mm) | 5160.00    | <b>4128.00</b>   |
| A54-566-878          | 10—11" (250—275mm)        | .00035" (0.009mm) | 4.05" (103mm) | 5342.00    | <b>4273.60</b>   |
| A54-566-879          | 11—12" (275—300mm)        | .00035" (0.009mm) | 4.05" (103mm) | 5897.00    | <b>4717.60</b>   |

**Extra Handles 25% off**  
(with set purchase)

**Holematic XTH Pistol Grip Only**

| Order Number | Range                  | List Price | Sale Price       |
|--------------|------------------------|------------|------------------|
| A54-556-350  | .080" — .250" (2—6mm)  | \$1951.00  | <b>\$1450.00</b> |
| A54-556-375  | .250" — .750" (6—20mm) | 1951.00    | <b>1450.00</b>   |
| A54-556-400  | .750" — 4" (20—100mm)  | 1951.00    | <b>1450.00</b>   |
| A54-556-480  | 4" — 12" (100—300mm)   | 1951.00    | <b>1450.00</b>   |

**Bowers XTH Holematic Pistol Grip Sets**

**Save  
20%**

**Complete Range Sets**

| Order Number | Range                   | Includes                   | List Price | Sale Price       |
|--------------|-------------------------|----------------------------|------------|------------------|
| A54-566-009  | .080" — .250" (2—6mm)   | 5 heads, 1 handle, 3 rings | \$6431.00  | <b>\$5144.00</b> |
| A54-566-010  | .250" — .375" (6—10mm)  | 2 heads, 1 handle, 1 ring  | 2524.00    | <b>2019.00</b>   |
| A54-566-020  | .375" — .750" (10—20mm) | 3 heads, 1 handle, 2 rings | 2977.00    | <b>2381.00</b>   |
| A54-566-050  | .750" — 2" (20—50mm)    | 3 heads, 1 handle, 2 rings | 3901.00    | <b>3120.00</b>   |
| A54-566-100  | 2—4" (50—100mm)         | 3 heads, 1 handle, 2 rings | 4321.00    | <b>3456.00</b>   |
| A54-566-105  | 4—6" (100—150mm)        | 2 heads, 1 handle, 1 ring  | 3901.00    | <b>3120.00</b>   |
| A54-566-110  | 6—8" (150—200mm)        | 2 heads, 1 handle, 1 ring  | 5212.00    | <b>4169.00</b>   |
| A54-566-200  | 4—8" (100—200mm)        | 4 heads, 1 handle, 2 rings | 8352.00    | <b>6681.00</b>   |
| A54-566-210  | .750" — 4" (20—100mm)   | 6 heads, 1 handle, 4 rings | 6431.00    | <b>5144.00</b>   |
| A54-566-620  | .250" — .750" (6-20mm)  | 5 heads, 1 handle, 3 rings | 3589.00    | <b>2871.00</b>   |

**Connectivity Kits**

| Order Number | Description                      |        |
|--------------|----------------------------------|--------|
| A54-115-444  | RS232 Power Computer Connect Kit | 157.00 |
| A54-115-528  | USB Power Computer Connect Kit   | 220.00 |
| A54-100-350  | CR2032 Battery                   | 5.50   |

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



# X-PROOF® HOT SPOT

## X-Proof IP54 Shockproof Indicator



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

### 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



**NEW!**

| Order Number | Description                            | List Price | Sale Price     |
|--------------|----------------------------------------|------------|----------------|
| A52-520-450  | X-Proof Indicator—Whiteface            | \$69.40    | <b>\$29.80</b> |
| A52-520-455  | <b>NEW</b> X-Proof Indicator—Blackface | 75.00      | <b>32.25</b>   |

## X-Proof 0-22" Dial Depth Gage with IP54 protection!

**NEW!**



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

### 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



All in a shop-hardened case.



**FREE Fowler Hat with Purchase!**

| Order Number | Description                   | List Price | Sale Price      |
|--------------|-------------------------------|------------|-----------------|
| A52-125-007  | <b>NEW</b> X-Proof Depth Gage | \$185.00   | <b>\$122.00</b> |

# X-PROOF® HOT SPOT

## 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 (A52-520-450):

- 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

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



**NEW!**

**FREE Fowler Hat with Purchase!**

| Order Number | Description                   | List Price | Sale Price      |
|--------------|-------------------------------|------------|-----------------|
| A52-580-450  | <b>NEW</b> X-Proof Gage Stand | \$177.20   | <b>\$115.00</b> |

## X-Proof Water Resistant Indicator Set

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



### Magnetic Base (A52-585-010):

- Fine adjustment
- Base dimensions: 2" x 2-11/32" x 1-13/16"
- 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 (A52-520-450):

- 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



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

**FREE Fowler Hat with Purchase!**

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

| Order Number | Description                           | List Price | Sale Price     |
|--------------|---------------------------------------|------------|----------------|
| A52-585-155  | X-Proof Water Resistant Indicator Set | \$77.85    | <b>\$55.00</b> |

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

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



| Order Number | Description                   | Accuracy         | List Price | Sale Price      |
|--------------|-------------------------------|------------------|------------|-----------------|
| A53-880-823  | <b>NEW</b> Plus Pin Gage Set  | +0.0002"-0.0000" | \$229.95   | <b>\$209.95</b> |
| A53-880-833  | <b>NEW</b> Minus Pin Gage Set | +0.0000"-0.0002" | 229.95     | <b>209.95</b>   |

## Pin Gage Handles

**NEW!**



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

| Order Number | Description                       | List Price | Sale Price     |
|--------------|-----------------------------------|------------|----------------|
| A53-885-000  | <b>NEW</b> .011" — .060"          | \$17.00    | <b>\$14.50</b> |
| A53-885-001  | <b>NEW</b> .061" — .250"          | 20.00      | <b>16.50</b>   |
| A53-885-002  | <b>NEW</b> .251" — .500"          | 23.50      | <b>20.50</b>   |
| A53-885-003  | <b>NEW</b> .501" — .625"          | 27.00      | <b>24.00</b>   |
| A53-885-004  | <b>NEW</b> .626" — .750"          | 33.00      | <b>30.00</b>   |
| A53-885-005  | <b>NEW</b> .751" — .832"          | 36.00      | <b>33.00</b>   |
| A53-885-006  | <b>NEW</b> .833" — .916"          | 40.00      | <b>37.00</b>   |
| A53-885-007  | <b>NEW</b> .917" — 1.0"           | 45.00      | <b>41.00</b>   |
| A53-885-008  | <b>NEW</b> All Sizes .011" — 1.0" | 230.00     | <b>210.00</b>  |



**NEW!**

Micrometer shown not included.

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

| Order Number | Description                               | List Price | Sale Price     |
|--------------|-------------------------------------------|------------|----------------|
| A52-247-010  | <b>NEW</b> Xtra-Mag Base Micrometer Stand | \$48.50    | <b>\$40.00</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 Number | Description      | List Price | Sale Price     |
|--------------|------------------|------------|----------------|
| A52-247-005  | Micrometer Stand | \$33.05    | <b>\$23.50</b> |

## II Electronic Micrometers

- Jet black, grey enamel finish
- Large LCD display.
- Resolution: .00005"/.001mm
- Accuracy:  $\pm 0.00016"/0.004\text{mm}$  (up to 2")
- Direct RS-232 output
- Carbide measuring faces.
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case



**FREE!**

Ball Attachment

Protected to:  
**IP40**  
DUST RESISTANT

| Order Number | Description                             | Range        | List Price | Sale Price     |
|--------------|-----------------------------------------|--------------|------------|----------------|
| A54-870-001  | Xtra-Value II Electronic Micrometer     | 0-1"/0-25mm  | \$84.00    | <b>\$59.50</b> |
| A54-870-002  | Xtra-Value II Electronic Micrometer     | 1-2"/25-50mm | 85.00      | <b>75.40</b>   |
| A54-870-003  | Xtra-Value II Electronic Micrometer     | 2-3"/50-75mm | 99.95      | <b>89.80</b>   |
| A54-870-103  | Xtra-Value II Electronic Micrometer Set | 0-3"/0-75mm  | 300.00     | <b>183.00</b>  |
| A54-100-350  | CR2032 Battery                          |              | 5.50       |                |

## Electronic Coolant Resistant Micrometers

- 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 1/25mm include standard



**FREE!**

Ball Attachment

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

| Order Number  | Description                    | Range          | List Price | Sale Price     |
|---------------|--------------------------------|----------------|------------|----------------|
| A54-860-001-1 | IP54 Electronic Micrometer     | 0-1"/0-25mm    | \$106.40   | <b>\$79.20</b> |
| A54-860-002-1 | IP54 Electronic Micrometer     | 1-2"/25mm-50mm | 123.20     | <b>89.20</b>   |
| A54-860-003-1 | IP54 Electronic Micrometer     | 2-3"/50mm-75mm | 134.40     | <b>99.80</b>   |
| A54-860-103-1 | IP54 Electronic Micrometer Set | 0-3"/0-75mm    | 370.65     | <b>259.70</b>  |
| A54-902-110   | LR44 Battery                   |                | 6.60       |                |

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



## Universal Electronic Micrometers



**NEW!**

- Resolution: 0.00005"/0.001mm
- Non-rotating spindle
- Direct inch metric conversion
- ABS/INC measuring mode
- Tolerance & preset function
- Comes complete with 7 anvil sets
- Satin chrome finish
- Sizes over 1" include a standard
- Includes case

| Order no.   | Range                   | List Price | Sale Price      |
|-------------|-------------------------|------------|-----------------|
| A54-817-777 | <b>NEW</b> 0-1"/0-25mm  | \$302.40   | <b>\$225.00</b> |
| A54-817-778 | <b>NEW</b> 1-2"/25-50mm | 343.85     | <b>245.00</b>   |

## Outside Micrometers

with Decimal Equivalents on Frame



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

- 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     |
|---------------|-------|------------|----------------|
| A52-235-001-1 | 0-1"  | \$52.65    | <b>\$30.80</b> |
| A52-235-002-2 | 1-2"  | 63.85      | <b>40.30</b>   |
| A52-235-003-2 | 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     |
|-------------|-------|------------|----------------|
| A52-229-201 | 0-1"  | \$39.15    | <b>\$23.50</b> |
| A52-229-202 | 1-2"  | 45.85      | <b>31.25</b>   |
| A52-229-203 | 2-3"  | 56.55      | <b>36.40</b>   |
| A52-229-204 | 3-4"  | 64.90      | <b>41.30</b>   |
| A52-229-205 | 4-5"  | 80.10      | <b>48.60</b>   |
| A52-229-206 | 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     |
|-------------|-------|------------|----------------|
| A52-224-001 | 0-1"  | \$88.40    | <b>\$43.50</b> |
| A52-224-002 | 1-2"  | 92.90      | <b>55.25</b>   |
| A52-224-003 | 2-3"  | 105.85     | <b>61.30</b>   |
| A52-224-004 | 3-4"  | 116.40     | <b>67.00</b>   |

**Micrometer Calibration Set is available on page 35!**



## Micrometer Set and Caliper Combo



A52-229-012 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      |
|--------------|------------------------------------------------|------------|-----------------|
| A52-229-007  | <b>NEW</b> 0-4" Micrometer Set and 6" Caliper  | \$271.65   | <b>\$220.00</b> |
| A52-229-012  | <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     |
|--------------|-------------|------------|----------------|
| A52-229-213  | 0—3" set    | \$141.10   | <b>\$99.50</b> |
| A52-229-214  | 0—4" set    | 217.30     | <b>121.50</b>  |
| A52-229-220  | 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      |
|--------------|------------|------------|-----------------|
| A52-224-103  | 0—3" set   | \$294.00   | <b>\$182.00</b> |
| A52-224-104  | 0—4" set   | 399.85     | <b>201.80</b>   |
| A52-224-220  | 0—75mm set | 294.00     | <b>201.80</b>   |

# 12 piece Outside Inch Micrometer Set



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

## Features:

- Hammertone blue baked enamel finish
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: .256"
- Graduation: .0001"
- Flatness: .00003"
- Quick, easy zero adjustment on sleeve
- Positive lever locking clamp
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Meets or exceeds Federal accuracy specs
- Includes adjustment wrenches and fitted wooden case for all 12 micrometers



**All in a fitted wooden case!**

| Order Number  | Description                     | List Price | Sale Price      |
|---------------|---------------------------------|------------|-----------------|
| A52-215-012-1 | <b>NEW</b> 0-12" Micrometer Set | \$891.50   | <b>\$578.00</b> |

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



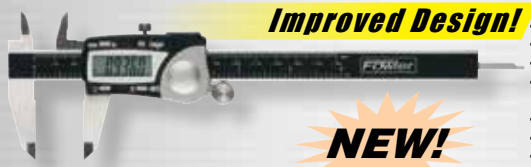
**Polycarbonate Caliper Includes**

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

- 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     |
|--------------|-----------------------------|------------|----------------|
| A54-101-175  | Poly-Cal Electronic Caliper | \$24.60    | <b>\$19.50</b> |
| A54-100-350  | CR2032 Battery              | 5.50       |                |

## 4" thru 12" Economy Digital Calipers



**Improved Design!**

**NEW!**

- 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     |
|---------------|---------------------|------------|----------------|
| A54-100-004-2 | 0—4"/100mm Caliper  | \$94.10    | <b>\$75.60</b> |
| A54-100-000-2 | 0—6"/150mm Caliper  | 109.75     | <b>80.40</b>   |
| A54-100-008-2 | 0—8"/200mm Caliper  | 128.80     | <b>101.20</b>  |
| A54-100-112-2 | 0—12"/300mm Caliper | 168.00     | <b>137.80</b>  |
| A54-100-350   | CR2032 Battery      | 5.50       |                |

## Water Resistant IP54 Electronic Calipers



**Improved Design!**

**NEW!**



- Water resistant to IP54 specifications
- 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

| Order Number  | Range                               | List Price | Sale Price     |
|---------------|-------------------------------------|------------|----------------|
| A54-100-777-2 | 0—6"/150mm Electronic IP54 Caliper  | \$123.20   | <b>\$95.20</b> |
| A54-100-712-2 | 0—12"/300mm Electronic IP54 Caliper | 179.20     | <b>141.30</b>  |
| A54-100-350   | 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      |
|---------------|---------------------------------------|------------|-----------------|
| A54-200-777-1 | 0—6"/150mm Pro-Max Electronic Caliper | \$157.00   | <b>\$119.00</b> |
| A54-100-350   | CR2032 Battery                        | 5.50       |                 |

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

# XTRA-VALUE CAL

## Electronic Calipers



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

- 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!**

| Order Number  | Range          | Display Type                          | List Price | Sale Price     |
|---------------|----------------|---------------------------------------|------------|----------------|
| A54-101-150-2 | 6"/150mm       | Regular Display                       | \$45.00    | <b>\$31.80</b> |
| A54-101-600-1 | 6"/150mm       | Super Large Display with hold feature | 56.00      | <b>37.50</b>   |
| A54-101-200-1 | 8"/200mm       | Regular Display                       | 67.20      | <b>56.50</b>   |
| A54-101-800-1 | 8"/200mm       | Super Large Display with hold feature | 84.00      | <b>63.50</b>   |
| A54-101-300-1 | 12"/300mm      | Regular Display                       | 90.00      | <b>88.60</b>   |
| A54-101-900-1 | 12"/300mm      | Super Large Display with hold feature | 110.00     | <b>83.40</b>   |
| A54-100-350   | CR2032 Battery |                                       | 5.50       |                |

# EURO-CAL IV Electronic Calipers



A54-100-330-1

INCH • METRIC • FRACTION

A54-100-332

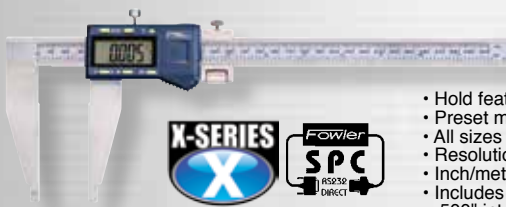


- Reads in inch, metric & fractions
- Direct inch/metric/fraction conversion
- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring
- Includes molded plastic case

| Order Number  | Description                              | Accuracy      | List Price | Sale Price     |
|---------------|------------------------------------------|---------------|------------|----------------|
| A54-100-330-1 | 6"/150mm Euro-Cal IV Electronic Caliper  | ±.001"/.02mm  | \$111.95   | <b>\$76.30</b> |
| A54-100-331   | 8"/200mm Euro-Cal IV Electronic Caliper  | ±.001"/.02mm  | 132.50     | <b>95.60</b>   |
| A54-100-332   | 12"/300mm Euro-Cal IV Electronic Caliper | ±.0015"/.03mm | 170.00     | <b>126.30</b>  |
| A54-100-350   | CR2032 Battery                           |               | 5.50       |                |

# XTRA-RANGE®

## Electronic Calipers



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

- 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      |
|---------------|----------------------|-----------|-------------|------------|-----------------|
| A54-100-312   | 0—12"/300mm Caliper  | 3.5"      | .002"/.04mm | \$193.75   | <b>\$159.50</b> |
| A54-100-024-1 | 0—24"/600mm Caliper  | 4"        | .003"/.08mm | 282.25     | <b>239.40</b>   |
| A54-100-042-1 | 0—40"/1000mm Caliper | 4.9"      | .004"/.10mm | 1170.35    | <b>649.00</b>   |
| A54-100-350   | CR2032 Battery       |           |             | 5.50       |                 |



# Ultra-Cal III Heavy Duty Electronic Caliper

Heavy Duty Ultra-Cal III, made in Germany, combines the Swiss-patented Sylvac non-contact inductive measuring system with output capabilities.



**NEW!**

| Order No.   | Length of Bottom Jaws | Length of Top Jaws |
|-------------|-----------------------|--------------------|
| A54-100-012 | 3.2"                  | 1.5"               |
| A54-100-020 | 5.9"                  | 2.25"              |
| A54-100-212 | 3.2"                  | 1.3"               |

- Inside, outside measurements only
- Fine adjustment
- Resolution: .0005"/.01mm
- Repeatability" .0005"/.01mm ±2s
- Incremental floating zero
- Direct inch/metric conversion
- Fast tracking speed of approximately 60"/second
- Combination zero/data/hold button
- Hold feature freezes display for later viewing
- Direct RS232C output
- Frame and jaws are precision ground of hardened stainless steel



**Save 10%**

| Order Number      | Range                    | Overall Accuracy | List Price | Sale Price      |
|-------------------|--------------------------|------------------|------------|-----------------|
| <b>Knife Jaws</b> |                          |                  |            |                 |
| A54-100-012       | <b>NEW</b> 0-12"/0-300mm | .0015"/.04mm     | \$968.00   | <b>\$868.00</b> |
| A54-100-020       | <b>NEW</b> 0-20"/0-500mm | .002"/.05mm      | \$1584.00  | <b>1200.00</b>  |
| <b>Cross Jaws</b> |                          |                  |            |                 |
| A54-100-212       | <b>NEW</b> 0-12"/0-300mm | .0015"/.04mm     | \$1122.00  | <b>1000.00</b>  |
| A54-115-333       | RS232 Opto Cable         |                  | 119.00     |                 |

## EZ-ID/OD Electronic Gage



**INCH • METRIC • FRACTION**

**NEW!**

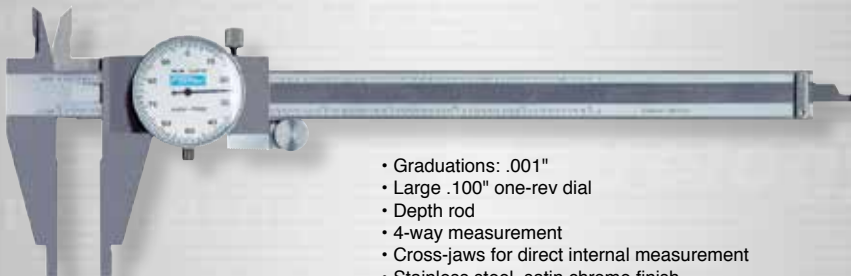
- 4" to 20"/100 to 500mm capacity
- Inch/Metric/Fraction Conversion
- 4" preset
- Zero set
- Hold function
- Preset measuring depth at 1" or 1.5"
- Resolution: 0.0005"/0.01mm (fractions in 1/64" increments)
- Protected to IP54 specifications
- Beam has vernier scale to double check reading
- Thumblock
- Direct RS232 output
- Includes wooden case



| Order Number | Range                                                | List Price | Sale Price      |
|--------------|------------------------------------------------------|------------|-----------------|
| A54-150-020  | <b>NEW</b> 4"-20"/100-500mm EZ-ID/OD Electronic Gage | \$360.00   | <b>\$299.00</b> |
| A54-100-350  | CR2032 Battery                                       | 5.50       |                 |

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

# 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     |
|--------------|-------------|------------|------------|----------------|
| A52-025-108  | 8" Caliper  | 2.5"       | \$128.25   | <b>\$86.50</b> |
| A52-025-112  | 12" Caliper | 2.875"     | 186.50     | <b>129.50</b>  |

## 0-6" Dial Calipers



A52-008-005



A52-008-007

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

| Order Number | Dial Face Color | List Price | Sale Price     |
|--------------|-----------------|------------|----------------|
| A52-008-007  | White           | \$84.55    | <b>\$33.50</b> |
| A52-008-005  | Black           | 84.55      | <b>33.50</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      |
|--------------|-------------|---------------|------------|-----------------|
| A52-008-018  | 18" Caliper | 3.125"        | \$232.90   | <b>\$178.20</b> |
| A52-008-024  | 24" Caliper | 3.375"        | 282.25     | <b>221.20</b>   |

Premium Dial Caliper



**NEW!**

- Four-way configuration for outside, inside, depth and step measurements
- Solid stainless steel construction
- Silky smooth movement throughout
- Dial hand completes one revolution per each .100"
- Thumbroll for rapid setting
- Knurled lock assures precise settings
- Includes fitted case

**Save  
30%**

| Order Number  | Range           | Graduation | List Price | Sale Price     |
|---------------|-----------------|------------|------------|----------------|
| A52-008-006-2 | <b>NEW</b> 0-6" | 0.001"     | \$112.20   | <b>\$78.50</b> |

Machinist Grade Dial Calipers



A52-008-706



A52-008-707



A52-008-714

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

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

| Order Number | Range                  | Dial Face<br>Color | List<br>Price | Sale<br>Price  |
|--------------|------------------------|--------------------|---------------|----------------|
| A52-008-704  | 0—4"                   | White              | \$51.50       | <b>\$41.20</b> |
| A52-008-714  | 0—4"                   | Black              | 51.50         | <b>41.20</b>   |
| A52-008-706  | 0—6"                   | White              | 70.50         | <b>54.20</b>   |
| A52-008-707  | 0—6"                   | Black              | 70.50         | <b>54.20</b>   |
| A52-008-709  | 0—150mm (Metric Model) | Yellow             | 70.50         | <b>54.20</b>   |
| A52-008-708  | 0—8"                   | White              | 88.40         | <b>66.20</b>   |
| A52-008-712  | 0—12"                  | White              | 117.05        | <b>89.60</b>   |

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

# Snap-Cal

Fowler's Inch, Metric & Fraction reading Snap Caliper is ideal for measuring a wide range of materials from metal, plastics and glass to small wires, fibers and paper.

INCH • METRIC • FRACTION



- Range: 0-1.25"/31.5mm
- Resolution: .0005"/.01mm (fractions in 1/64 increments)
- Spring-loaded travel
- Wide faced flat jaw for easy positioning
- Dimensions of fixed jaw: .470" x .900"
- Accuracy:  $\pm .001"/.02\text{mm}$
- Hardened stainless steel construction
- Direct inch/metric/fraction conversion
- Measuring speed of 60"/second
- Large, high contrast LCD display
- Hanging loop included for attachment to belt or chain

**Save  
30%**

| Order Number  | Description                                        | List Price | Sale Price     |
|---------------|----------------------------------------------------|------------|----------------|
| A54-550-000-1 | Snap-Cal (includes rugged, saddle leather holster) | \$134.10   | <b>\$93.00</b> |

**XTRA-VALUE**

# Digital Thickness Gage

INCH • METRIC • FRACTION



- Range: 0-1"/25mm
- Robust housing
- Large LCD display
- Reading: .001"/.01mm/1/64ths
- Accuracy: .004"
- Includes 1/8" ball contact, taper point and a long-stem point
- Battery: CR2032
- Three interchangeable points
- Batter life: approximately 1 year

**Save  
30%**



| Order Number | Description                       | List Price | Sale Price     |
|--------------|-----------------------------------|------------|----------------|
| A54-554-830  | Xtra-Value Digital Thickness Gage | \$49.95    | <b>\$34.50</b> |



## Toolmakers Universal Measuring Set



- 6" Dial Caliper A52-008-007 (see page 14)
- 0-1" Micrometer A52-229-201 (see page 8)
- 6" Flexible rule, satin chrome, 5R
- All contained in a fitted, shop-hardened case

| Order Number | Description                        | List Price | Sale Price     |
|--------------|------------------------------------|------------|----------------|
| A52-095-007  | Toolmakers Universal Measuring Set | \$138.60   | <b>\$82.80</b> |

## Electronic Caliper & Micrometer Measuring Set



- 6"/150mm Electronic Caliper A54-100-000-2 (see page 11)
- 0-1"/25mm Electronic Micrometer A54-870-001-1 (see page 7)
- Complete with shop-hardened case

| Order Number | Description                                   | List Price | Sale Price      |
|--------------|-----------------------------------------------|------------|-----------------|
| A54-004-850  | 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 A54-100-777-2 (see page 11)
- 0-1"/25mm IP54 Electronic Micrometer A54-860-001-1 (see page 7)
- Complete with shop-hardened case

| Order Number | Description                                      | List Price | Sale Price      |
|--------------|--------------------------------------------------|------------|-----------------|
| A54-004-877  | 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 A54-860-001-1 (see page 7)
- 5R grad. EZ-Read steel rule A52-347-006 (see page 40)
- Complete with shop-hardened case

| Order Number | Description                             | List Price | Sale Price      |
|--------------|-----------------------------------------|------------|-----------------|
| A54-004-854  | IP54 Resistant Electronic Measuring Set | \$302.50   | <b>\$250.00</b> |



## 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     |
|--------------|-----------------------------------|------------|----------------|
| A54-225-500  | 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     |
|--------------|------------------------|------------|----------------|
| A54-225-555  | X-tra Value Depth Gage | \$55.95    | <b>\$40.20</b> |

## Test Indicator Kit with Universal Holder With Certificate of Calibration

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

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

A52-565-200

### 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      |
|--------------|--------------------|------------|-----------------|
| A52-562-999  | Test Indicator Kit | \$112.15   | <b>\$102.50</b> |



## A Versatile Universal and Mag Base Combo!

### Mag Base:

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

### Test Indicator: (A52-562-778)

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



Virtually unlimited positioning as a Universal Base!

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

All complete in a shop-hardened case!

| Order Number | Description                  | List Price | Sale Price     |
|--------------|------------------------------|------------|----------------|
| A52-585-105  | Xtra Mag only                | \$51.70    | <b>\$37.80</b> |
| A52-585-100  | Xtra Mag with Test Indicator | 155.10     | <b>107.80</b>  |

## X-Test & Xtra-Mag Combo

**XTEST**

**X-Test Features:** (A52-562-001)

- 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"

**XTRA MAG**

**Mag Base:**

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



Virtually unlimited positioning  
as a Universal Base!



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

*All complete in a shop-hardened case!*

| Order Number | Description             | List Price | Sale Price      |
|--------------|-------------------------|------------|-----------------|
| A52-562-105  | X-Test & Xtra-Mag Combo | \$167.20   | <b>\$135.80</b> |

## Electronic Edge Finders



- Six equally spaced light ports provide visibility at any angle
- Made in the USA
- Edge finder lights instantly when stylus touches work edge
- Repeatability: .0002"
- Works on any conductive metal

Along with light indication, model #A54-575-650 emits an audible "beep" at time of contact.

| Order Number | Stylus | Shank | Audible | Battery | List Price | Sale Price     |
|--------------|--------|-------|---------|---------|------------|----------------|
| A54-575-600  | .200"  | 1/2"  | NO      | 12 volt | \$28.00    | <b>\$22.85</b> |
| A54-575-625  | .200"  | 1/2"  | NO      | 12 volt | 98.75      | <b>87.95</b>   |
| A54-575-650  | .400"  | 3/4"  | YES     | 12 volt | 98.75      | <b>87.95</b>   |

## X-Glide

### Lubricant and Protectant

- Specifically formulated for precision tools
- Synthetic lubricant enriched with multiple anti-friction additives
- Sub-micron particle size allows for maximum penetration and durability
- Antistatic additive prevents the attraction of dust and dirt
- Contains no solvents, propellants or flammable gases
- PH neutral
- 2.5 oz. spray bottle

**NEW!**

**Save 25%**



| Order Number | Description        | List Price | Sale Price    |
|--------------|--------------------|------------|---------------|
| A53-885-105  | <b>NEW</b> X-Glide | \$10.00    | <b>\$7.50</b> |

Be sure to use the "A" 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      |
|--------------|------------------|-------------|---------------|--------------|------------|-----------------|
| A52-562-001  | X-Test Indicator | .0005"      | 1-1/2"        | 0—15—0       | \$117.55   | <b>\$109.95</b> |
| A52-562-002  | X-Test Indicator | .0005"      | 1"            | 0—15—0       | 117.55     | <b>109.95</b>   |
| A52-562-003  | X-Test Indicator | .001"       | 1"            | 0—15—0       | 117.55     | <b>109.95</b>   |
| A52-562-007  | X-Test Indicator | .01mm       | 25mm          | 0—40—0       | 117.75     | <b>109.95</b>   |
| A52-562-008  | 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      |
|--------------|---------------------------|-------------|---------------|------------|-----------------|
| A52-562-004  | Vertical X-Test Indicator | .0005"      | 1-1/2"        | \$128.75   | <b>\$109.95</b> |
| A52-562-005  | Vertical X-Test Indicator | .0005"      | 1"            | 128.75     | <b>109.95</b>   |
| A52-562-006  | 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      |
|--------------|--------------------------|-------------|------------|-----------------|
| A52-562-100  | 52-562-001 w/accessories | .0005"      | \$172.65   | <b>\$155.40</b> |
| A52-562-110  | 52-562-002 w/accessories | .0005"      | 172.65     | <b>155.40</b>   |
| A52-562-120  | 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.



A52-562-775



A52-562-778



**Extra Points**

.040"

.120"

| Order Number | Face Color | Total Range | Dial Reading | Graduation | Dial Diameter | Point Length | List Price | Sale Price     |
|--------------|------------|-------------|--------------|------------|---------------|--------------|------------|----------------|
| A52-562-774  | white      | .030"       | 0-15-0       | .001"      | 1"            | 1/2"         | \$105.30   | <b>\$62.80</b> |
| A52-562-778  | black      | .030"       | 0-15-0       | .0005"     | 1"            | 1/2"         | 111.95     | <b>62.80</b>   |
| A52-562-775  | white      | .030"       | 0-15-0       | .0005"     | 1"            | 1/2"         | 111.95     | <b>62.80</b>   |
| A52-562-776  | white      | .030"       | 0-15-0       | .0005"     | 1-1/2"        | 1/2"         | 117.05     | <b>68.80</b>   |
| A52-562-780  | black      | .030"       | 0-15-0       | .0005"     | 1-1/2"        | 1/2"         | 117.05     | <b>68.80</b>   |



A52-563-772



A52-563-777

**Extra Points**

.040"

.120"

| Order Number | Face Color | Total Range | Dial Reading | Graduation | Dial Diameter | Point Length | List Price | Sale Price     |
|--------------|------------|-------------|--------------|------------|---------------|--------------|------------|----------------|
| A52-563-770  | white      | .008"       | 0-4-0        | .0001"     | 1"            | 1/2"         | \$111.95   | <b>\$90.40</b> |
| A52-563-771  | black      | .008"       | 0-4-0        | .0001"     | 1"            | 1/2"         | 111.95     | <b>90.40</b>   |
| A52-563-777  | white      | .008"       | 0-4-0        | .0001"     | 1-1/2"        | 1/2"         | 111.95     | <b>90.40</b>   |
| A52-563-772  | black      | .008"       | 0-4-0        | .0001"     | 1-1/2"        | 1/2"         | 115.30     | <b>90.40</b>   |



A52-562-784

**Extra Points**

.040"

.120"

| Order Number | Face Color | Total Range | Dial Reading | Graduation | Dial Diameter | Point Length | List Price | Sale Price     |
|--------------|------------|-------------|--------------|------------|---------------|--------------|------------|----------------|
| A52-562-781  | white      | .020"       | 0-10-0       | .0005"     | 1"            | 1-7/16"      | \$115.30   | <b>\$87.20</b> |
| A52-562-782  | black      | .020"       | 0-10-0       | .0005"     | 1"            | 1-7/16"      | 115.30     | <b>87.20</b>   |
| A52-562-783  | white      | .020"       | 0-10-0       | .0005"     | 1-1/2"        | 1-7/16"      | 115.30     | <b>87.20</b>   |
| A52-562-784  | black      | .020"       | 0-10-0       | .0005"     | 1-1/2"        | 1-7/16"      | 115.30     | <b>87.20</b>   |



A52-560-060



A52-563-677

| Order Number | Face Color | Total Range | Dial Reading   | Graduation   | Dial Diameter | Point Length | List Price | Sale Price     |
|--------------|------------|-------------|----------------|--------------|---------------|--------------|------------|----------------|
| A52-563-677  | white      | .080"       | 0-40-0         | .01mm        | 1-1/4"        | 1/2"         | \$64.90    | <b>\$51.90</b> |
| A52-560-060  | 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 "A" prefix when ordering Tool-A-Thon specials.

## High Precision Dial Gage Stand

*Fowler's High Precision Dial Gage Stand is 14" in overall height and is supplied with 2 anvils: flat and serrated.*

- Quick positioning and adjustment
- Zero settings with knob for fine adjustment
- Fine adjustment of 5/32"
- Total height of column 14"
- Can hold indicators with stems of 3/8"
- Diameter of column .980"
- Supplied with two 2-3/8" diameter anvils, flat and serrated

**NEW!**

**Save  
20%**

| Order No.   | Description                | List Price | Sale Price      |
|-------------|----------------------------|------------|-----------------|
| A52-580-014 | Dial Gage Stand w/2 anvils | \$166.10   | <b>\$132.00</b> |



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

## 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



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

**Carbide-tipped point!**

| Order Number | Description                                                         | List Price | Sale Price     |
|--------------|---------------------------------------------------------------------|------------|----------------|
| A54-520-250  | 1"/25mm Indi-X Blue Electronic Indicator                            | \$94.00    | <b>\$58.50</b> |
| A54-520-260  | 1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction Electronic Indicator | 96.25      | <b>61.50</b>   |
| A54-520-255  | .5"/12.5mm Indi-X Blue Electronic Indicator                         | 87.30      | <b>51.50</b>   |

# HOLDXTEC<sup>®</sup>

## Holding Systems

**NEW!**



**A52-585-085**  
(Indicator not included)



**A52-565-036**  
(Indicator not included)

**A52-565-038**  
(Indicator not included)



**MACHINIST GRADE!**  
**For MAXIMUM Precision**

### Features:

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

| Order Number | Description                                          | List Price | Sale Price      |
|--------------|------------------------------------------------------|------------|-----------------|
| A52-585-085  | <b>NEW</b> HOLD-Tec Mag Base with Double Fine Adjust | \$147.30   | <b>\$125.00</b> |
| A52-565-036  | <b>NEW</b> HOLD-Tec without Fine Adjust              | 82.70      | <b>75.00</b>    |
| A52-565-038  | <b>NEW</b> HOLD-Tec with Fine Adjust                 | 89.90      | <b>80.00</b>    |

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

# INDI-MAX

## Electronic Indicators

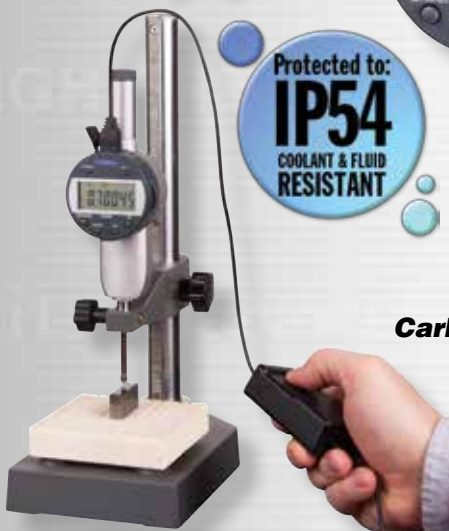
INCH • METRIC • FRACTION

- 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 supplied on 1/2" model.
- Lugbacks for 1" and 2" models, 52-525-605
- Floating zero
- Carbide tipped point

### FREE Point Set



A52-525-222



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



0-.5"



0-1"



0-2"

**Carbide-tipped points!**



Fred W. Fowler Co., Inc.

| Order Number | Description                                             | List Price | Sale Price      |
|--------------|---------------------------------------------------------|------------|-----------------|
| A54-520-305  | .5"/12.5mm Indi-Max Electronic Indicator with point set | \$329.00   | <b>\$279.30</b> |
| A54-520-310  | 1"/25mm Indi-Max Electronic Indicator with point set    | 369.00     | <b>319.20</b>   |
| A54-520-320  | 2"/50mm Indi-Max Electronic Indicator with point set    | 479.00     | <b>429.60</b>   |
| A54-100-350  | CR2032 Battery                                          | 5.50       |                 |
| A54-520-399  | Absolute data cable                                     | 139.00     |                 |



# UltraTast Test Indicators

## Horizontal Test Indicators

- Box-type housing opens on one side only.
- Bottom and side walls are one piece construction which encloses and protects the movement from shocks and damage.
- Self-contained movement
- Jeweled movement bearings, precision gears and pinions for maximum sensitivity and accuracy
- Satin-chrome finish is corrosion proof
- Stylus: ball diameter .080"/2mm
- Swivel range 220° on all models
- Includes 1/4" & 5/16" Dovetail clamps



Fowler

TOOL-A-THON

**NEW!**

**Save \$40.00 or more on all Models!**

| Order No.   | Reading | Measuring Range | Dial Diameter | Stylus Length | Measuring Force |
|-------------|---------|-----------------|---------------|---------------|-----------------|
| A52-568-005 | .0005"  | ±.015"          | 1.083"        | .453"         | 0.15N           |
| A52-568-010 | .0005"  | ±.015"          | 1.50"         | .453"         | 0.15N           |
| A52-568-015 | .0001"  | ±.004"          | 1.50"         | .453"         | 0.15N           |
| A52-568-022 | .0005"  | ±.015"          | 1.083"        | 1.417"        | 0.07N           |

| Order Number | Description                                    | List Price | Sale Price     |
|--------------|------------------------------------------------|------------|----------------|
| A52-568-005  | <b>NEW</b> UltraTast Horizontal Test Indicator | \$121.00   | <b>\$80.00</b> |
| A52-568-010  | <b>NEW</b> UltraTast Horizontal Test Indicator | 137.50     | <b>90.00</b>   |
| A52-568-015  | <b>NEW</b> UltraTast Horizontal Test Indicator | 176.00     | <b>120.00</b>  |
| A52-568-022  | <b>NEW</b> UltraTast Horizontal Test Indicator | 196.90     | <b>130.00</b>  |

## Height Transfer and Squareness Gage

**A PERFECT match for UltraTast Indicators!**

- Used for a variety of surface plate applications
- Large fine adjustment knob for precise control
- Swivel clamp anchors swivel and indicator for added accuracy
- Rear surface of the gage has a reference surface to square against a master for checking squareness
- Includes a 7.5" post, indicator rod and clamp



**Save 30%**

| Order Number | Description                         | List Price | Sale Price      |
|--------------|-------------------------------------|------------|-----------------|
| A53-620-010  | Height Transfer and Squareness Gage | \$286.00   | <b>\$199.00</b> |

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

## 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!

TOOL-A-TON  
BEST SELLER!  
FOWLER HIGH PRECISION

X-SERIES

### 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 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 22!

| Order Number | Description                                              | List Price | Sale Price      |
|--------------|----------------------------------------------------------|------------|-----------------|
| A54-585-100  | Chrome Flex Mag and Indi-X Blue Electronic Indicator Set | \$230.95   | <b>\$125.00</b> |
| A52-585-500  | Chrome Flex Mag and AGD Black Face Indicator Set         | 173.25     | <b>123.00</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!

X-SERIES

### Magnetic Base features:

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

Save  
50%  
A52-585-125 model ONLY

### 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 22!

| Order Number | Description                                                        | List Price | Sale Price      |
|--------------|--------------------------------------------------------------------|------------|-----------------|
| A54-585-075  | Fine Adjust Mag Base Set with Indi-X Blue Electronic Indicator Set | \$196.35   | <b>\$145.00</b> |
| A52-585-125  | Fine Adjust Mag Base with AGD White Face Indicator Set             | \$150.15   | <b>70.00</b>    |

Articulating Mag Base and Indicator Combo



**Articulating Mag Base**

- Adjust in almost unlimited ways
- Fine adjust
- 85 lb. pull
- V-slot on base for mounting on rounded surfaces

**Set includes Shop-hardened case!**

**AGD Indicator**

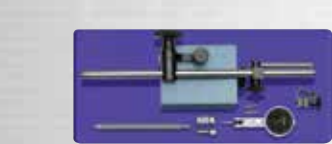
- 1" travel
- Continuous reading: 0-100
- Reading: .001"
- AGD group 2, 2-1/4" dial diameter
- Revoultion counter
- Tolerance markers
- Lug Back mount
- Carbide point

**Can be set up in almost unlimited positions!**

**Save 40%**

| Order Number | Description                             | List Price | Sale Price     |
|--------------|-----------------------------------------|------------|----------------|
| A52-585-150  | Articulating Mag Base & Indicator Combo | \$164.95   | <b>\$98.50</b> |
| A52-585-008  | Articulating Mag Base ONLY              | 89.55      | <b>53.00</b>   |

**XTRA-SURF** Surface gage with a built-in Switchable Magnetic Base







**All in a Shop-Hardened Case!**

|                                                                                    |                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>ON</b>                                                                          | <b>OFF</b>                                                                          |
|  |  |
| <b>Magnetic Base</b>                                                               | <b>Surface Gage</b>                                                                 |

- Set includes 3-1/8" x 2-1/16" permanent magnetic base with on/off switch, fine adjustment on base and a 5/16" x 9" upright
- .0005" test indicator No. A52-562-778 (see page 21 ) with .040", .080" & .120" contact points
- Swivel clamp to mount indicator
- Two dovetail stems: 5/32" & 3/8"
- A 4" hardened scriber
- Form fitted shop-hardened case for easy accessibility and storage

| Order Number | Description                 | List Price | Sale Price      |
|--------------|-----------------------------|------------|-----------------|
| A52-155-747  | Xtra-Surf                   | \$213.40   | <b>\$122.50</b> |
| A52-155-743  | Xtra-Surf without indicator | 105.85     | <b>91.50</b>    |

# **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



| Order Number | Contact Point Length | List Price | Sale Price      |
|--------------|----------------------|------------|-----------------|
| A54-562-777  | 1/2"                 | \$210.00   | <b>\$190.00</b> |
| A54-562-888  | 1-7/16"              | 310.00     | <b>289.00</b>   |
| A54-115-528  | Power USB Cable      | 220.00     |                 |
| A54-100-350  | 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



| Order Number  | Description                 | Accuracy      | Resolution     | List Price | Sale Price      |
|---------------|-----------------------------|---------------|----------------|------------|-----------------|
| A54-520-680-2 | Indicator with analog scale | .0005"/.01mm  | .0005"/.01mm   | \$369.00   | <b>\$345.00</b> |
| A54-520-680-3 | Indicator with analog scale | .0002"/.005mm | .00005"/.001mm | 512.00     | <b>497.00</b>   |



# Sylvac S\_Dial One Electronic Indicators



## 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



A54-530-134



A54-530-154



A54-530-174

| Order Number | Range                      | Maximum Error  | Resolution     | List Price | Sale Price      |
|--------------|----------------------------|----------------|----------------|------------|-----------------|
| A54-530-124  | 0-.500"/12.5mm             | .0004"/.01mm   | .0005"/.01mm   | \$285.00   | <b>\$265.00</b> |
| A54-530-134  | 0-.500"/12.5mm             | .0002"/.005mm  | .00005"/.001mm | 365.00     | <b>340.00</b>   |
| A54-530-144  | 0-1"/25mm                  | .0004"/.01mm   | .0005"/.01mm   | 310.00     | <b>295.00</b>   |
| A54-530-154  | 0-1"/25mm                  | .00024"/.006mm | .00005"/.001mm | 385.00     | <b>360.00</b>   |
| A54-530-164  | 0-2"/50mm                  | .0008"/.02mm   | .0005"/.01mm   | 525.00     | <b>499.00</b>   |
| A54-530-174  | 0-2"/50mm                  | .00032"/.008mm | .00005"/.001mm | 610.00     | <b>575.00</b>   |
| A54-115-444  | RS Power Data Cable Serial |                |                | 157.00     |                 |
| A54-115-528  | RS Power Data Cable USB    |                |                | 220.00     |                 |

## Hi\_Gage One



- 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!**



## Hi\_Cal Height Gage



**Save \$400**



- Measuring range: 12"/300mm
- Accuracy: .00016"/.0042 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       |
|---------------|-----------|------------|------------------|
| A54-212-024-1 | 24"/600mm | \$1725.00  | <b>\$1399.00</b> |

| Order No.   | Range     | List Price       |
|-------------|-----------|------------------|
| A54-931-300 | 12"/300mm | <b>\$4699.00</b> |

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



# Closeout Sale!

Ultra-Digit Mark IV & V Electronic Indicators



**Features:**

- Inductive measuring system
- Inch/mm conversion
- Floating zero
- Preset functions
- Direct RS232 output
- Resolution .00005"/.001mm (except for A54-520-905)
- Display rotates 270°

| Order Number | Description                                      | List Price | Sale Price      |
|--------------|--------------------------------------------------|------------|-----------------|
| A54-520-790  | Mark IV 0-.500"/12.5mm                           | \$559.00   | <b>\$475.00</b> |
| A54-520-791  | Mark IV 0-.500"/12.5mm w/8mmØ stem, M2.5 thread  | 575.00     | <b>450.00</b>   |
| A54-520-792  | Mark IV 0-2"/50mm                                | 1141.00    | <b>900.00</b>   |
| A54-520-794  | Mark IV 0-4"/100mm                               | 1305.00    | <b>1100.00</b>  |
| A54-520-796  | Mark IV 0-6"/.00005"                             | 1747.00    | <b>900.00</b>   |
| A54-520-876  | Mark V 0-.500"/12.5mm w/8mmØ stem, M2.5 thread   | 648.00     | <b>525.00</b>   |
| A54-520-900  | Mark V for cylinder bore gages only, 1/2" travel | 648.00     | <b>525.00</b>   |
| A54-520-905  | Mark IV 0-6"/.0005"                              | 1978.00    | <b>1200.00</b>  |



# Economy Depth Micrometers

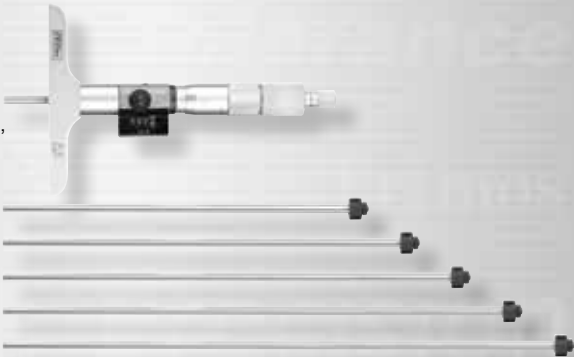


- Satin chrome finish
- Base surface hardened, ground & lapped
- Ratchet thimble
- Locking clamp
- .001" Graduation
- Rod diameter: .176"
- Includes shop-hardened case.

| Order Number | Range | Graduation | Base | List Price | Sale Price     |
|--------------|-------|------------|------|------------|----------------|
| A52-225-110  | 0—4"  | .001"      | 2.5" | \$112.60   | <b>\$99.80</b> |
| A52-225-112  | 0—6"  | .001"      | 2.5" | 136.80     | <b>122.60</b>  |
| A52-225-114  | 0—4"  | .001"      | 4"   | 119.30     | <b>107.00</b>  |
| A52-225-116  | 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      |
|--------------|-------|------------|------|------------|-----------------|
| A52-225-176  | 0—6"  | .001"      | 2.5" | \$141.05   | <b>\$132.00</b> |
| A52-225-226  | 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      |
|--------------|----------------------------------------|------------|-----------------|
| A54-225-456  | 0—6"/150mm Electronic Depth Micrometer | \$199.90   | <b>\$162.95</b> |

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

# Planer and Shaper Gage

**NEW!**



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

**Save over 40%**

| Order Number | Range          | Base Size | Extensions | List Price | Sale Price      |
|--------------|----------------|-----------|------------|------------|-----------------|
| A52-460-005  | 1/4" to 6-1/4" | 3/4" x 5" | 1" and 3"  | \$341.00   | <b>\$199.00</b> |

## 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



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

| Order Number  | Description      | List Price | Sale Price      |
|---------------|------------------|------------|-----------------|
| A52-125-006-1 | 0—22" Depth Gage | \$170.25   | <b>\$101.20</b> |

**X-DEPTH 22**



## 0-22" Electronic Depth Gage

**Save 30%**



- 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      |
|--------------|-----------------------------|------------|-----------------|
| A54-125-777  | 0—22" Electronic Depth Gage | \$229.55   | <b>\$158.20</b> |



## 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      |
|--------------|-------------------|-----------|------------|-----------------|
| A52-275-005  | Inside Micrometer | .2 - 2.2" | \$146.70   | <b>\$121.50</b> |

## Back Plunger Indicator Set



**NEW!**

- Universal Test Set is simple, reliable, easy to use, and eliminates checking problems
- Set includes G clamp, tool post base, vertical rod, swinging arm, ball anvil, 1/2" anvil, thumb clamp and 11/32" standard anvil.
- Back plunger indicator is fully jeweled

| Order Number                   | Dial Dia. | Graduations | Dial Reading | Range | List Price | Sale Price      |
|--------------------------------|-----------|-------------|--------------|-------|------------|-----------------|
| <i>Complete Set (Deluxe)</i>   |           |             |              |       |            |                 |
| A52-570-010                    | 1-1/2"    | .001"       | 0-100        | .100" | \$143.00   | <b>\$120.00</b> |
| <i>Indicator ONLY (Deluxe)</i> |           |             |              |       |            |                 |
| A52-570-011                    | 1-1/2"    | .001"       | 0-100        | .100" | 68.20      | <b>56.00</b>    |

## Ultra-Cal III Electronic Groove & Recess Gage



**Save  
over 40%**

**NEW!**

**Special  
Low-Price!**

- 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      |
|--------------|----------------------------------------------------------------|------------|-----------------|
| A54-150-012  | <b>NEW</b> 0-12" Ultra-Cal III Electronic Groove & Recess Gage | \$1149.50  | <b>\$650.00</b> |
| A54-115-333  | RS-232 Cable                                                   | 119.00     |                 |

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

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**Fowler**

**TOOL-A-THON**

**Volume 14.2**

# 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



A52-646-300



A52-646-100

| Order Number | Description        | Range   | List Price | Sale Price      |
|--------------|--------------------|---------|------------|-----------------|
| A52-646-100  | Dial Bore Gage Set | .7—1.5" | \$139.10   | <b>\$103.20</b> |
| A52-646-300  | 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

**XTENDER**

**with Carbide Anvils**  
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      |
|--------------|-------------------------------|------------|-----------------|
| A52-646-400  | Inch X-Tender Bore Gage Set   | \$174.80   | <b>\$124.60</b> |
| A52-646-220  | Metric X-Tender Bore Gage Set | 193.15     | <b>135.20</b>   |

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

**XTENDER-E**

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



All the same benefits included in the X-Tender Dial Bore Gage are now available with an electronic indicator providing inch/metric reading capability. Preset size of master for absolute reading and minimum hold feature to lock on the bore size as the gage is rocked in the part to be measured.



## Bore Gage Features:

- Range: 1.4"-6"/35mm-150mm
- Carbide anvils
- Easily adjustable
- Self-centering
- Includes extension holder
- Shop hardened case

## Indicator Features:

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

**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      |
|--------------|-------------------------|------------|-----------------|
| A54-646-401  | XTender-E Bore Gage Set | \$301.90   | <b>\$265.80</b> |
| A54-100-350  | CR2032 Battery          | 5.50       |                 |

## 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 (external mics, snap gages, caliper gages)**

**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      |
|--------------|-------------------------------------|------------|-----------------|
| A53-646-000  | Inch Bore Gage Setting Master Kit   | \$275.00   | <b>\$198.95</b> |
| A53-646-010  | Metric Bore Gage Setting Master Kit | \$295.00   | <b>\$259.80</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



**NEW!**

**Worn blocks  
can be  
easily replaced!**



| Order Number  | Description                                             | List Price | Sale Price      |
|---------------|---------------------------------------------------------|------------|-----------------|
| A53-813-001-1 | Complete Caliper, Micrometer and Snap Gage Checking Set | \$303.21   | <b>\$272.37</b> |
| A53-813-002-0 | <b>NEW</b> Mic Checker without Blocks                   | 145.00     | <b>\$119.00</b> |

# Quick Check

## Multi-Function Check Standard

**NEW!**



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



| Order Number | Description                                          | List Price | Sale Price       |
|--------------|------------------------------------------------------|------------|------------------|
| A53-813-015  | <b>NEW</b> Quick Check Multi-Function Check Standard | \$1490.00  | <b>\$1375.00</b> |

## Large Square Gage Blocks

**NEW!**

- Grade Ø
- NIST Traceable
- Vertically more stable then rectangular blocks
- Large sizes help eliminate block stacks
- Meets or exceeds Federal Specifications ASME B89.1.9-2002



| Order Number | Description                            | List Price | Sale Price      |
|--------------|----------------------------------------|------------|-----------------|
| A53-676-216  | <b>NEW</b> 5" Large Square Gage Block  | \$209.00   | <b>\$190.00</b> |
| A53-676-218  | <b>NEW</b> 6" Large Square Gage Block  | 251.00     | <b>235.00</b>   |
| A53-676-220  | <b>NEW</b> 7" Large Square Gage Block  | 288.00     | <b>273.00</b>   |
| A53-676-222  | <b>NEW</b> 8" Large Square Gage Block  | 340.00     | <b>320.00</b>   |
| A53-676-224  | <b>NEW</b> 10" Large Square Gage Block | 473.00     | <b>450.00</b>   |
| A53-676-226  | <b>NEW</b> 12" Large Square Gage Block | 526.00     | <b>500.00</b>   |
| A53-676-228  | <b>NEW</b> 16" Large Square Gage Block | 790.00     | <b>750.00</b>   |
| A53-676-230  | <b>NEW</b> 20" Large Square Gage Block | 921.00     | <b>870.00</b>   |



## 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     |
|--------------|--------------------------------|------------|----------------|
| A54-440-600  | 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     |
|---------------|---------------------|------------|----------------|
| A54-422-450-1 | 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     |
|---------------|------------------------------------|------------|----------------|
| A54-440-740-1 | 4" Digi-Pro Electronic Protractor  | \$82.50    | <b>\$62.80</b> |
| A54-440-775-1 | 12" Digi-Pro Electronic Protractor | 98.95      | <b>67.80</b>   |
| A54-100-350   | CR2032 Battery                     | 5.50       |                |

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

# 12" Telescoping Gage

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.

## 12" Reach!

- Contact points are constructed of hardened tool steel, precision ground.
- Double action rigid handle with self-centering feature for quick checking of inside measurements
- Constant spring tension for uniform feel
- **Covers a measuring range of 5/16" to 6" with measurable depths of 12"**
- Includes fitted vinyl case

**NEW!**



| Order Number | Description                         | List Price | Sale Price     |
|--------------|-------------------------------------|------------|----------------|
| A52-470-007  | <b>NEW</b> 12" Telescoping Gage Set | \$119.00   | <b>\$78.50</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

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



**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      |
|--------------|-----------------------|------------|-----------------|
| A52-710-025  | 2D Coaxial Set-Inch   | \$223.10   | <b>\$166.80</b> |
| A52-710-030  | 2D Coaxial Set-Metric | 223.10     | <b>166.80</b>   |

## Thickness Gages

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

**NEW!**



| Order Number | Description                                                                                                                                                                                                                                                 | List Price | Sale Price     |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| A52-485-006  | <b>NEW</b> Tapered Thickness Gages-Inch.26 Leaf Set: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024" and .025". Length: 3". | \$14.00    | <b>\$11.99</b> |
| A52-485-010  | <b>NEW</b> Tapered Thickness Gages-Metric. 20 Leaf Set: 0.05mm, 0.10mm, 0.15mm, 0.20mm, 0.25mm, 0.30mm, 0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.55mm, 0.60mm, 0.65mm, 0.70mm, 0.75mm, 0.80mm, 0.85mm, 0.90mm, 0.95mm and 1mm. Length: 100mm.                      | \$17.60    | <b>\$9.99</b>  |

## Screw Pitch Gages

**NEW!**



Screw Pitch Gage A52-485-015



### Screw Pitch Gages

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

Acme Screw Pitch Gage A52-485-030

### Acme Screw Pitch Gage (29° angle)

- Made of fine stainless steel. Each blade is 3-1/2"/90mm long and .03"/.8mm thick

| Order Number         | Description                                                                                                                        | List Price | Sale Price    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|
| <b>Inch Series</b>   |                                                                                                                                    |            |               |
| A52-485-015          | <b>NEW</b> Screw Pitch Gage with 30 blades: 4 to 42 pitch standard V thread                                                        | \$10.45    | <b>\$7.99</b> |
| <b>Metric Series</b> |                                                                                                                                    |            |               |
| A52-485-020          | <b>NEW</b> Screw Pitch Gage with 24 blades: 0.25mm to 6.0mm                                                                        | 10.45      | <b>7.99</b>   |
| <b>Acme Series</b>   |                                                                                                                                    |            |               |
| A52-485-030          | <b>NEW</b> Acme Screw Pitch Gage with 16 blades (1, 1-1/3", 1-1/2", 1-3/4", 2, 2-1/2", 3, 3-1/2", 4, 5, 6, 7, 8, 9, 10 & 12 pitch) | 91.30      | <b>85.00</b>  |

## Thread Measuring Wire Set

**NEW!**

- Thread Measuring Wires include 48 wires in sixteen different sizes
- Accuracy for sizes .018" through .108" is within +0 / -.0004"; sizes .120" through .185" is within +0 / -.0005"
- Measures all U.S. 60° threads from 3-48 threads per inch
- Laminated conversion chart for 60° U.S and metric threads is included



| Order Number | Description                                    | List Price | Sale Price     |
|--------------|------------------------------------------------|------------|----------------|
| A52-485-048  | <b>NEW</b> Thread Measuring Wire Set: 48 Wires | \$28.00    | <b>\$19.99</b> |

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

# Rules

## EZ-Read Black Face Rules

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



## GRADUATIONS

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

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

## Golden Rules

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



## 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    |
|--------------|--------------|------|---------|------------|---------------|
| A52-330-006  | Satin Chrome | 6"   | 4R      | \$9.90     | <b>\$8.60</b> |
| A52-337-006  | Black        | 6"   | 4R      | 8.35       | <b>6.25</b>   |
| A52-339-006  | Golden       | 6"   | 4R      | 20.60      | <b>17.25</b>  |
| A52-330-012  | Satin Chrome | 12"  | 4R      | 17.20      | <b>14.60</b>  |
| A52-337-012  | Black        | 12"  | 4R      | 17.20      | <b>10.70</b>  |
| A52-339-012  | Golden       | 12"  | 4R      | 39.55      | <b>33.80</b>  |
| A52-340-006  | Satin Chrome | 6"   | 5R      | 9.50       | <b>7.55</b>   |
| A52-347-006  | Black        | 6"   | 5R      | 8.35       | <b>6.25</b>   |
| A52-349-006  | Golden       | 6"   | 5R      | 20.60      | <b>17.25</b>  |
| A52-340-012  | Satin Chrome | 12"  | 5R      | 15.60      | <b>14.60</b>  |
| A52-347-012  | Black        | 12"  | 5R      | 17.20      | <b>10.95</b>  |
| A52-349-012  | Golden       | 12"  | 5R      | 39.55      | <b>33.80</b>  |

## FLEXIBLE STEEL RULES

| Order Number | Finish       | Size | Reading | List Price | Sale Price    |
|--------------|--------------|------|---------|------------|---------------|
| A52-295-006  | Satin Chrome | 6"   | 4R      | \$9.50     | <b>\$7.05</b> |
| A52-297-006  | Black        | 6"   | 4R      | 7.80       | <b>5.75</b>   |
| A52-299-006  | Golden       | 6"   | 4R      | 20.30      | <b>17.70</b>  |
| A52-295-012  | Satin Chrome | 12"  | 4R      | 14.60      | <b>13.00</b>  |
| A52-297-012  | Black        | 12"  | 4R      | 12.00      | <b>9.90</b>   |
| A52-299-012  | Golden       | 12"  | 4R      | 36.40      | <b>31.20</b>  |
| A52-300-006  | Satin Chrome | 6"   | 5R      | 9.50       | <b>7.05</b>   |
| A52-307-006  | Black        | 6"   | 5R      | 7.80       | <b>5.75</b>   |
| A52-309-006  | Golden       | 6"   | 5R      | 20.30      | <b>17.70</b>  |
| A52-300-012  | Satin Chrome | 12"  | 5R      | 14.60      | <b>13.00</b>  |
| A52-307-012  | Black        | 12"  | 5R      | 12.00      | <b>9.90</b>   |
| A52-309-012  | Golden       | 12"  | 5R      | 36.40      | <b>31.20</b>  |

## 6"/150mm Pocket Steel Rule



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



| Order Number | Description                | List Price | Sale Price    |
|--------------|----------------------------|------------|---------------|
| A52-380-100  | 6"/150mm Pocket Steel Rule | \$6.25     | <b>\$4.95</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     |
|--------------|--------------------|------------|----------------|
| A52-475-500  | X-Blox V-Block Set | \$103.50   | <b>\$85.00</b> |

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



- 23 holes for easy clamping
- Sold in pairs
- Useful in layout & grinding work
- Accuracy:  $\pm .0002$ "/1"
- Matched accuracy:  $\pm .0002$ "

| Order No.   | Description  | List Price | Sale Price     |
|-------------|--------------|------------|----------------|
| A52-439-031 | 1-2-3 Blocks | \$84.55    | <b>\$30.00</b> |
| A52-439-246 | 2-4-6 Blocks | 199.50     | <b>150.00</b>  |

## Steel 1-2-3 Blocks



Save  
over **50%**

- Tolerance: .0001" (squareness per inch)
- Dimensions: 1" x 2" x 3"
- Hardened to 58-60 Rockwell C.
- Matched accuracy within  $\pm .0002$ "

| Order No.   | List Price | Sale Price     |
|-------------|------------|----------------|
| A52-439-001 | \$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  $\pm .00005$ "
- In high-quality fitted wood case

Save  
over **45%**



| Order Number | Description                                 | List Price | Sale Price      |
|--------------|---------------------------------------------|------------|-----------------|
| A53-672-036  | 36 piece Economy Rectangular Gage Block Set | \$275.00   | <b>\$145.50</b> |
| A53-672-081  | 81 piece Economy Rectangular Gage Block Set | 484.00     | <b>310.50</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

Save  
over **45%**



| Order Number | Description                                 | List Price | Sale Price      |
|--------------|---------------------------------------------|------------|-----------------|
| A53-670-038  | 36 piece Grade Ø Rectangular Gage Block Set | \$434.55   | <b>\$231.00</b> |
| A53-670-080  | 81 piece Grade Ø Rectangular Gage Block Set | 799.70     | <b>510.00</b>   |

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

## 1/2" Parallel Set

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

**Save  
40%**



| Order Number | Description                    | List Price | Sale Price      |
|--------------|--------------------------------|------------|-----------------|
| A52-437-001  | Set of four pairs of parallels | \$203.85   | <b>\$122.00</b> |

## 1/32" Premium Parallel Set



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

- Made from high-grade alloy steel, hardened and ground from 1/32" stock with 2 holes in each parallel
- 10 pairs, 6" length, 1/32" width
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair. Absolute heights are nominal
- Parallelism:  $\pm .0001$ "
- Paired in height:  $\pm .0001$ "
- Hardness: 50 HRC

| Order Number | Description        | List Price | Sale Price      |
|--------------|--------------------|------------|-----------------|
| A52-437-031  | 1/32" Parallel Set | \$215.00   | <b>\$185.00</b> |

## 1/8" Premium Parallel Set

- Made from high-grade alloy steel, hardened and ground from 1/8" stock with 2 holes in each parallel
- 10 pairs, 6" length, 1/8" width
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal
- Parallelism:  $\pm .0002$ "
- Paired in height:  $\pm .00015$ "
- Hardness 58-63 HRC



| Order Number | Description       | List Price | Sale Price      |
|--------------|-------------------|------------|-----------------|
| A52-437-125  | 1/8" Parallel Set | \$263.20   | <b>\$242.00</b> |

## 1/4" Premium Parallel Set



- Made from high-grade alloy steel, hardened and ground from 1/4" stock with 2 holes in each parallel
- 9 pairs, 6" length, 1/4" width
- 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8" & 1-3/4"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal.
- Parallelism:  $\pm .0002$ "
- Paired in height:  $\pm .0002$ "
- Hardness 52-58 HRC

| Order Number | Description       | List Price | Sale Price      |
|--------------|-------------------|------------|-----------------|
| A52-437-250  | 1/4" Parallel Set | \$328.90   | <b>\$275.00</b> |

# X-TRA RANGE 20x Extended Range Microscope

Fowler's new Extended Range Microscope is ideal for viewing the surface of items that will not fit conventional microscope plates.



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

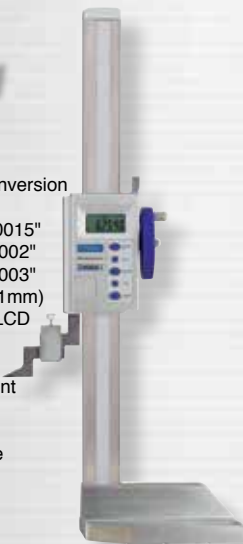


| Order Number  | Description                         | List Price | Sale Price      |
|---------------|-------------------------------------|------------|-----------------|
| A53-640-280   | 20X Microscope with Universal Stand | \$347.15   | <b>\$275.00</b> |
| A53-640-281-1 | Replacement bulb                    | 11.20      |                 |

# Z-HEIGHT



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



## 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 scribe
- Base is hardened, ground & lapped for maximum flatness



| Order No.   | Range          | List Price | Sale Price      |
|-------------|----------------|------------|-----------------|
| A54-175-012 | 0-12"/0-300mm  | \$465.90   | <b>\$331.20</b> |
| A54-175-018 | 0-18"/0-450mm  | 543.20     | <b>391.20</b>   |
| A54-175-024 | 0-24"/0-600mm  | 611.50     | <b>465.80</b>   |
| A54-100-350 | CR2032 Battery | 5.50       |                 |

| Order No.   | Range | List Price | Sale Price      |
|-------------|-------|------------|-----------------|
| A52-174-224 | 24"   | \$682.10   | <b>\$409.50</b> |

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

## Swiss Pattern File Sets

Swiss Pattern Files are economically priced and each set includes a fitted case and 12 of the finest quality files in the most popular shapes.

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

**Save  
50%**



| Order Number | Description                   | Length | Cut No. | List Price | Sale Price    |
|--------------|-------------------------------|--------|---------|------------|---------------|
| A55-130-060  | 12 pc. Swiss Pattern File Set | 6"     | #0      | \$18.65    | <b>\$9.00</b> |
| A55-130-062  | 12 pc. Swiss Pattern File Set | 6"     | #2      | 18.65      | <b>9.00</b>   |

## Super Heavy Duty Automatic Center Punch



- Handle constructed in steel. Four knurled bands provide a sturdy grip
- Moveable components are made from tool steel and hardened
- The point is easily removed for sharpening
- The pressure of marking is controlled by rotating the knurled cap. Screw the cap down for heavy indentations and screw the cap upward for lighter markings.

| Order Number | Description                             | List Price | Sale Price     |
|--------------|-----------------------------------------|------------|----------------|
| A52-500-290  | Super Heavy Duty Automatic Center Punch | \$19.80    | <b>\$14.00</b> |

## Transfer Punch Set

**Up to 1"!**

- 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!**



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

| Order Number | Description                            | Range      | List Price | Sale Price     |
|--------------|----------------------------------------|------------|------------|----------------|
| A52-482-028  | 28 Piece Transfer Punch Set            | 3/32"-1/2" | \$48.95    | <b>\$34.90</b> |
| A52-482-030  | <b>NEW 33 Piece Transfer Punch Set</b> | 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     |
|--------------|----------------------------|------------|----------------|
| A52-490-003  | <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

**Reduced PRICE!**



Slowly lower cutting tool toward Tool Set...



...Indicator will light up upon contact!

| Order Number | Description            | List Price | Sale Price     |
|--------------|------------------------|------------|----------------|
| A54-575-750  | Fowler/Mirage Tool Set | \$91.45    | <b>\$69.00</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 for safe deburring of drilled and machined holes, end-milled areas, tubing, backsides of holes, and numerous other uses
- Curved blades swivel freely to automatically follow shapes, contours and holes

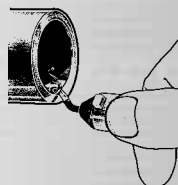


| Order Number | Description                | List Price | Sale Price     |
|--------------|----------------------------|------------|----------------|
| A52-483-777  | 4 pc. Deburring Cutter Set | \$14.85    | <b>\$12.50</b> |

## Deburring Cutter



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



**Only \$10.00**

| Order Number | Description                                      | List Price | Sale Price     |
|--------------|--------------------------------------------------|------------|----------------|
| A52-483-003  | Adjustable Scraper & Deburring Cutter w/3 blades | \$14.30    | <b>\$10.00</b> |

Be sure to use the "A" 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!*

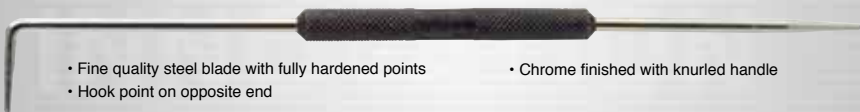
| Order Number | Description                                                                | List Price | Sale Price     |
|--------------|----------------------------------------------------------------------------|------------|----------------|
| A52-730-005  | <b>NEW</b> Disposable Felt Tip Metal 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    |
|--------------|----------------|----------------|------------|---------------|
| A52-515-005  | 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    |
|--------------|---------------|----------------|------------|---------------|
| A52-515-025  | 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     |
|--------------|-----------------------|----------------|------------|----------------|
| A52-500-050  | Carbide Super Scriber | 6.5"           | \$29.90    | <b>\$26.80</b> |
| A52-500-055  | 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     |
|--------------|------------------------|----------------|------------|----------------|
| A52-500-000  | Pocket Carbide Scriber | 6.0"           | \$16.00    | <b>\$11.50</b> |
| A52-515-046  | 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    |
|--------------|--------------------------------------------|----------------|------------|---------------|
| A52-500-080  | Replaceable Tip Carbide w/magnetic end cap | 5.75"          | \$8.60     | <b>\$5.75</b> |
| A52-500-085  | Carbide Refill                             |                | 1.75       |               |



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

| Order Number | Description       | Overall Length | List Price | Sale Price    |
|--------------|-------------------|----------------|------------|---------------|
| A52-500-090  | 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 black enamel
- Square head has level and scriber point
- Double indexed protractor is graduated 180° in both directions



A52-370-012

| Order Number | Description                                       | List Price | Sale Price     |
|--------------|---------------------------------------------------|------------|----------------|
| A52-373-012  | Square Head with 12" blade                        | \$82.50    | <b>\$73.00</b> |
| A52-386-006  | Square and Center Head with 6" blade              | 112.00     | <b>50.00</b>   |
| A52-370-012  | Square, Protractor and Center Head with 12" blade | 165.90     | <b>129.80</b>  |

## Cylindrical Squares

**NEW!**

- Used for checking squares, height gages and other instruments
- Hardened and the ends are lapped to 90° angular accuracy
- 6" cylindrical squares:  $\pm .0001$ "
- 12" cylindrical square:  $\pm .00015$ "



| Order Number | Description                       | List Price | Sale Price      |
|--------------|-----------------------------------|------------|-----------------|
| A52-750-006  | <b>NEW</b> 6" cylindrical square  | \$175.00   | <b>\$160.00</b> |
| A52-750-012  | <b>NEW</b> 12" cylindrical square | 250.00     | <b>230.00</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:  
 $2" \text{ \& } 3" = \pm .0006"$ ,  $4" \text{ \& } 6" = \pm .0008"$ ,  $9" \text{ \& } 12" = \pm .0012"$

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     |
|--------------|--------------------------------------------------------------|------------|----------------|
| A52-432-444  | 3 Piece Square Set: 2", 4" & 6" with shop hardened case      | \$52.00    | <b>\$47.75</b> |
| A52-432-246  | 4 Piece Square Set: 2", 3", 4" & 6" with shop hardened case  | 61.90      | <b>53.95</b>   |
| A52-432-469  | 4 Piece Square Set: 4", 6", 9" & 12" with shop hardened case | 103.95     | <b>102.75</b>  |
| A52-432-004  | 4" Square only                                               | 18.75      | <b>17.00</b>   |
| A52-432-006  | 6" Square only                                               | 20.80      | <b>18.25</b>   |
| A52-432-009  | 9" Square only                                               | 41.60      | <b>38.50</b>   |
| A52-432-012  | 12" Square only                                              | 70.75      | <b>64.50</b>   |

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

## Digital Rockwell Hardness Tester

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

### Features:

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

Horizontal = 6.5"/165mm (from centerline)

**Save  
10%**

### Accessories included:

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

**NEW!**



| Order Number  | Description                                 | List Price | Sale Price       |
|---------------|---------------------------------------------|------------|------------------|
| A54-770-650-1 | <b>NEW</b> Digital Rockwell Hardness Tester | \$5170.00  | <b>\$4653.00</b> |

## Analog Rockwell Hardness Tester

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

### Features:

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

Horizontal = 6.5"/165mm (from centerline)

### Accessories included:

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

**Save  
10%**



| Order Number | Description                     | List Price | Sale Price       |
|--------------|---------------------------------|------------|------------------|
| A53-770-600  | Analog Rockwell Hardness Tester | \$2194.50  | <b>\$1970.00</b> |





- 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 II can be used for many applications by selecting from a variety of accessories, including:*

- Stand with swivel
- A variety of probes

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



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

### X-Pro Portable Roughness Tester II

| Order Number | Description                                    | List Price | Sale Price       |
|--------------|------------------------------------------------|------------|------------------|
| A54-410-500  | Portable Surface Roughness Tester .0004" probe | \$1644.50  | <b>\$1500.00</b> |
| A54-410-600  | Portable Surface Roughness Tester .0002" probe | 1644.50    | <b>1500.00</b>   |

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

| Order Number | Description                  | List Price |
|--------------|------------------------------|------------|
| A54-400-896  | Stand with Swivel Attachment | \$396.00   |

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

| Order Number | Description           | Resolution | List Price |
|--------------|-----------------------|------------|------------|
| A54-400-319  | General Purpose Probe | .0004"     | \$547.80   |
| A54-400-326  | General Purpose Probe | .0002"     | 547.80     |
| A54-420-321  | Small Bore Probe      | .0004"     | 715.00     |
| A54-420-327  | Small Bore Probe      | .0002"     | 715.00     |
| A54-420-301  | Traverse Chisel Probe | .0004"     | 715.00     |
| A54-420-302  | Parallel Chisel Probe | .0004"     | 715.00     |
| A54-420-328  | Groove Bottom Probe   | .0004"     | 715.00     |
| A54-420-120  | AC Adapter Kit        |            | 60.50      |

## Universal Magnetic Mini Flex Base with High Intensity Zoom Light

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

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

**NEW!**



| Order Number  | Description                                             | List Price | Sale Price     |
|---------------|---------------------------------------------------------|------------|----------------|
| A52-630-451-1 | <b>NEW</b> Universal Magnetic Mini Flex Base with light | \$39.20    | <b>\$29.40</b> |

## Large Diameter Magnetic Mini Flex Base 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 base allows easy and accurate positioning
- Quick release mounting bracket clamp
- Batteries included



| Order Number | Description                                       | List Price | Sale Price     |
|--------------|---------------------------------------------------|------------|----------------|
| A52-630-455  | Large Diameter Magnetic Mini Flex Base with light | \$37.50    | <b>\$28.00</b> |

## Pocket Scope and Micro-Lite Available in 20x or 40x

### Pocket Scope

- Fixed focus, no moving parts-never loses focus.
- Accurate readings without adjusting
- Compact in size, under 5"
- Provides on-the-job viewing
- Special bevelled opening gathers and focuses light



### Micro-Lite

- Invaluable for inspection and measurement of hard-to-see and reach places



| Order Number | Description                                 | Field of View | Scale Range | List Price | Sale Price     |
|--------------|---------------------------------------------|---------------|-------------|------------|----------------|
| A52-662-020  | 20x Pocket-Scope with .002" reticle         | .190"         | 0-.18"      | \$32.65    | <b>\$25.50</b> |
| A52-662-040  | 40x Pocket-Scope with .001" reticle         | .082"         | 0-.07"      | 32.65      | <b>25.50</b>   |
| A52-662-045  | Micro-Light uses AAA battery (not included) |               |             | 23.30      | <b>12.00</b>   |
| A52-662-050  | 20x Pocket Scope & Micro-Lite Set           |               |             | 54.95      | <b>35.00</b>   |
| A52-662-055  | 40x Pocket Scope & Micro-Lite Set           |               |             | 54.95      | <b>35.00</b>   |

## Boreview Inspection Set

Now internal inspection in any industry can be made quickly and easily with Fowler's new bore viewer.

**Save  
30%**

**NEW!**



*Its compact size and built-in illumination make our bore viewer fully portable. Combine that with stainless steel construction, a magnifying glass and inspection mirror, and you get a top quality internal inspection viewer that can be used anywhere in a wide variety of applications!*

- Use for inspecting bores, cavities, threads, undercuts, raceways, surface finish, tools and intricate assemblies
- Views bores from 1/8" in diameter and up
- Stainless steel construction
- Mold makers-perfect for inspecting passages and cavities
- Maintenance-inspect many industrial problems on-site and avoid disassembly



| Order Number | Description                        | List Price | Sale Price      |
|--------------|------------------------------------|------------|-----------------|
| A52-660-777  | <b>NEW</b> Boreview Inspection Set | \$341.60   | <b>\$238.00</b> |

## FLEX CHROME KIT

Combo Kit includes both.....

**Disc & Rotor/Ball Joint Gage with Chrome Flex Arm**



- Checks ball joint wear and disc rotor runout
- Checks tire and wheel runout, gear backlash, valve guide wear, etc.
- Corrosion resistant
- Chrome plated 12" flex arm
- Meets all state inspection requirements.
- Indicator features 0-1" travel and .001" graduation

**&**



**Everything packed in a convenient, shop-hardened case!**

**14 LED Flashlight with Flex Bar Attachment**



- 14 LED Ultra-Bright flashlight
- Quick release mounting bracket
- 3 "AAA" batteries included

| Order Number | Description                    | List Price | Sale Price      |
|--------------|--------------------------------|------------|-----------------|
| A52-520-451  | Disc and Rotor Flex Chrome Kit | \$156.80   | <b>\$119.00</b> |

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

**51**

**Fowler**

**TOOL-A-THON**

**Volume 14.2**

# TAP-X

## Cam-Locking Tap Wrench

3-times the Range of Most Tap Wrenches!

1/8" to 1/2" (3 to 12mm)

**QUICK RELEASE CAM!**

**FAST & TIGHT!**

**CHANGE TAPS FAST!**

**Save  
40%**

### Features:

- Fits wide range of tap sizes: 1/8" to 1/2" (M3 to M12)
- Patented Revolutionary Cam-Lock System
- Quick-action clamping for easy replacement
- Taps will never release during use
- Heavy-duty design for reliability and long life
- Handles extreme torque
- Can be used as a hand drill for sizes: 1/16" to 5/16"

**For instructional video  
search "Tap-X" at [www.youtube.com](http://www.youtube.com)**



| Order Number | Description                  | List Price | Sale Price     |
|--------------|------------------------------|------------|----------------|
| A52-492-350  | Tap-X Cam-Locking Tap Wrench | \$50.00    | <b>\$30.00</b> |

# INDI-X<sup>®</sup>

## Indicating Micrometer



- Anvil and spindle hardened and precision ground
- Fully insulated frame, satin chrome finish
- Wider Micro-Fine graduations
- Carbide tipped anvil & spindle
- Retracting button conveniently located in relation to operator's hand
- 0-1" Range, head graduated in .001"
- Flatness: .000012"
- Dial graduated in .00005"
- Indicated accuracy of .00015"
- Diameter of spindle: .256"
- Includes case

| Order Number | Description                       | List Price | Sale Price      |
|--------------|-----------------------------------|------------|-----------------|
| A52-245-501  | 0-1" Indi-X Indicating Micrometer | \$291.20   | <b>\$245.00</b> |
| A52-245-502  | 1-2" Indi-X Indicating Micrometer | 343.85     | <b>315.00</b>   |



## Wyer 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:  $<0.01^\circ$
- 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 MnO<sub>2</sub>-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  $40^\circ\text{C}$

**Save  
\$200**

**FREE Fowler Hat  
with Purchase!**



**Fowler  
RS-232  
DIRECT**



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       |
|--------------|---------------------|------------|------------------|
| A54-635-601  | Clinotronic Plus    | \$1875.00  | <b>\$1675.00</b> |
| A54-635-610  | Replacement Battery | 44.00      |                  |

## Wyer Magnetic Precision Spirit Level

WYLER Universal Spirit Levels feature an insulated handle. Main vial unit observed from above and from either side. The vial unit is set into a steel tube in a stress free location, and can be adjusted in the body of the Spirit Level by a fine thread and screw system. Hand scraped by Swiss craftsmen. Includes fitted case.

### Features:

WYLER Magnetic Precision Spirit Level checks and levels cylinders, horizontal and vertical surfaces. Constructed with two prismatic measuring surfaces. Sensitivity .0002" per 10". Magnets to ensure complete adherence to vertical surfaces of parts and vertical arbors or shafts. Operators on milling and boring units, inspectors and fitters work with free hands.

**Save  
over \$250.00**



**NEW!**

| Order Number | Description                                | List Price | Sale Price       |
|--------------|--------------------------------------------|------------|------------------|
| A53-422-048  | <b>NEW</b> Magnetic Precision Spirit Level | \$2407.00  | <b>\$2150.00</b> |

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

**53**

**Fowler**

**TOOL-A-THON**

**Volume 14.2**

# Trimos V-Series Height Gages

## Versatility, Reliability, Durability

Combining a sleek ultra-modern design, robust construction, user-friendly interface, 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!

**All Prices  
REDUCED!**

#### Specifications:

|                                               |                            |              |
|-----------------------------------------------|----------------------------|--------------|
| Measuring range                               | 12"/300mm                  | 24"/600mm    |
| Application range                             | 21"/535mm                  | 32"/835mm    |
| Accuracy                                      | .0002"/5µm                 | .00028"/7µm  |
| Squareness deviation (in measuring direction) | .00039"/10µm               | .00059"/15µm |
| Max. resolution                               | .00005"/.001mm             |              |
| Repeatability (2s)                            | .00008"/2µm (Ø.00016"/4µm) |              |
| Max. displacement speed                       | 1.5 m/s                    |              |
| Measuring force                               | 1N                         |              |
| Data output                                   | RS-232                     |              |

| Order Number  | Description          | List Price       |
|---------------|----------------------|------------------|
| A54-191-014-1 | 0-12"/300mm Trimos V | <b>\$4250.00</b> |
| A54-191-024-1 | 0-24"/600mm Trimos V | <b>\$4950.00</b> |

# Trimos V Plus Series Height Gages

## Versatility, Reliability, Durability

Similar features as the Trimos V with the addition of greater accuracy, squareness and repeatability, a built in air pump, a fine adjustment handwheel and an adjustable measuring force.

The ideal shop or lab gage. Very accurate and very easy to use for all everyday manufacturing applications.

**FREE Swiss Pocket Knife with Purchase!**

**All Prices  
REDUCED!**

#### Specifications:

|                                               |                            |                |                |
|-----------------------------------------------|----------------------------|----------------|----------------|
| Measuring range                               | 12"/300mm                  | 24"/600mm      | 40"/1000mm     |
| Application range                             | 21"/535mm                  | 32.8"/835mm    | 48.6"/1235     |
| Accuracy                                      | 2.5 + L (mm)/300           |                |                |
| Squareness deviation (in measuring direction) | .0002"/.005mm              | .00032"/.008mm | .00047"/.012mm |
| Max. resolution                               | .00005"/.0005"(.001/.01mm) |                |                |
| Repeatability (2s)                            | .00008"/.002mm             |                |                |
| Max. displacement speed                       | 1.5 m/s                    |                |                |
| Measuring force                               | 0.7 - 1.6 N Adjustable     |                |                |
| Data output                                   | RS-232                     |                |                |

| Order Number | Description              | List Price       |
|--------------|--------------------------|------------------|
| A54-199-300  | 12"/300mm Trimos V Plus  | <b>\$5800.00</b> |
| A54-199-024  | 24"/600mm Trimos V Plus  | <b>7500.00</b>   |
| A54-199-040  | 40"/1000mm Trimos V Plus | <b>10,700.00</b> |



# Fowler Mobile Tech Center



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**Fowler's Newest & Most Popular Precision Tools and Technologies are on the road and going across the country in Fowler's NEW Mobile Tech Center!**

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

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Volume 14.2

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