Volume 21.2
Valid May 1st - Aug. 31th
www.fowlerprecision.com
NEW PRODUCTS!

Check out the scannable QR codes for product details and videos!

Quadra Check
Page 10  • Bluetooth Test Indicators

Mini S.Dial Indicators
Page 10  • Bluetooth, small sized

Hi_Cal Height Gages
Page 6-7  • NOW with Bluetooth

Roto Dial Holder
Page 44  • 360° Indicator positioning

Xtra-Height PLUS
Page 46  • Economical dimensional measuring

Xtra-MAG Height PLUS
Page 47  • Limited space height gage

Space X-BLOX PLUS Sets
Page 50  • Work set-up sets

Xtra-Tri PLUS Square Set
Page 50  • Layout and measuring squares

Weight & Counting Scale
Page 55  • 66 lb. capacity

Prices & Specifications are subject to change without notice.
Fowler Sylvac Ultralight IV Electronic Calipers

The Fowler Sylvac Ultralight IV, new design, new features, built-in Bluetooth transmitter. Discover our amazing Ultralight long range calipers.

Features:
- IP67 protected against fluid and dust
- Built-in Bluetooth
- New reinforced frame
- XXL display with 0.79”/20mm high digits
- Increased accuracy
- Lengthened jaws 7.9”/200mm
- Includes upper ID measuring pins (5mm dia.)
- New system for internal measurement
- Moveable left jaw
- Stainless steel titanium coated jaws
- Hold feature
- Preset function
- Min/Max functions
- Tolerance mode
- Internal and external measurement indicator

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

Order No. Range List Price Sale Price
54-110-512-0 0 - 15”/0 - 400mm $2,189.38 $2,025.20
54-110-524-0 0 - 24”/0 - 600mm $2,607.72 $2,412.20
54-110-540-0 0 - 40”/0 - 1000mm $3,003.15 $2,778.00
54-110-560-0 0 - 60”/0 - 1500mm $4,515.16 $4,176.60
54-110-580-0 0 - 80”/0 - 2000mm - special order $6,092.58 $5,635.70
54-110-600-0 0 - 100”/0 - 2500mm - special order $7,421.54 $6,865.00

Connectivity Cables/Accessory
54-115-526-0 Proximity USB Cable $198.87 $135.00
54-115-527-0 Proximity Serial Cable $202.69 $135.00
54-115-246-BT USB Bluetooth Receiver $50.80 $45.00

Prices & Specifications are subject to change without notice.
Fowler Trimos V3, V4 & V5 Electronic Height Gages

The Fowler Trimos V3, V4 and V5 vertical measuring instruments have been developed for the most difficult workshop environments. Manufactured in Switzerland, they guarantee a robust, precise and reliable product.

Features:
- "Black Mask" display with user friendly functions
- Electronically adjustable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries last up to 40 hours
- All adjustments possible without tools
- Cast iron base for optimal stability and rigidity
- RS232 and USB interfaces requires 54-192-112-0 cable. Bluetooth transmitter also available
- Dual probe holders (V4 - V5)
- Carriage displacement: Manual for V3 and V4 models

V5 includes selectable manual or motorized carriage displacement
- Measures heights, diameters, perpendicularity, centerlines, Min/Max/Delta
- Resolution: 0.00005"/0.001mm
- Repeatability (2s): 0.00008"/0.002mm (Ø 0.00016"/0.004mm)

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

*Height Gages available up to 40", 60", 80" upon request

**V-Series Special Pricing!**

**EXTREMELY Easy to Use!**

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**V3**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-192-340-0</td>
<td>V3 Height Gage 16&quot;/407mm</td>
<td>16&quot;/407mm</td>
<td>$4,730.41</td>
<td>$4,129.65</td>
</tr>
<tr>
<td>54-192-370-0</td>
<td>V3 Height Gage 28&quot;/711mm</td>
<td>28&quot;/711mm</td>
<td>$5,215.46</td>
<td>$4,553.10</td>
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**V4**

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<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-191-440-0</td>
<td>V4 Height Gage 16&quot;/407mm</td>
<td>16&quot;/407mm</td>
<td>$6,231.03</td>
<td>$5,539.69</td>
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<tr>
<td>54-191-470-0</td>
<td>V4 Height Gage 28&quot;/711mm</td>
<td>28&quot;/711mm</td>
<td>$7,248.66</td>
<td>$6,428.08</td>
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**V5**

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<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-199-540-0</td>
<td>V5 Height Gage 16&quot;/407mm</td>
<td>16&quot;/407mm</td>
<td>$6,867.42</td>
<td>$6,095.26</td>
</tr>
<tr>
<td>54-199-570-0</td>
<td>V5 Height Gage 28&quot;/711mm</td>
<td>28&quot;/711mm</td>
<td>$8,138.14</td>
<td>$7,204.60</td>
</tr>
</tbody>
</table>

**Probe Sets**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-199-105-0</td>
<td>4mm Probe Set, 21 piece</td>
<td>4mm</td>
<td>$1,819.90</td>
<td>$1,588.77</td>
</tr>
<tr>
<td>54-199-106-0</td>
<td>8mm Probe Set, 16 piece</td>
<td>8mm</td>
<td>$1,358.04</td>
<td>$1,200.00</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-199-400-0</td>
<td>12”/300mm Holder - for 8mm probes</td>
<td>12&quot;</td>
<td>$1,018.76</td>
<td>$889.38</td>
</tr>
<tr>
<td>54-199-071T</td>
<td>Bluetooth transmitter for (Not available for V3 models)</td>
<td></td>
<td></td>
<td>$675.00</td>
</tr>
<tr>
<td>54-777-120-0</td>
<td>Vmux software - for connecting multiple units to one PC</td>
<td></td>
<td></td>
<td>$465.50</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
NOW available with ISO Cert
Contact the Fowler Sales Department 1-800-788-2353

Measures ID/OD, centerlines, heights, widths, depths, min/max/delta, slots, grooves and more!

FREE Basic Probe Set
with a V4 and V5 Tool-A-Thon 21.2 purchase $480.00 value!

16”/407mm
$4,129.65
Order No: 54-192-340-0

16”/407mm
$5,539.69
Order No: 54-191-440-0

28”/711mm
$7,204.69
Order No: 54-199-570-0

Prices & Specifications are subject to change without notice.
Fowler Sylvac BLUETOOTH
Hi_Cal Electronic Height Gages

Features:
- Quick, easy computer recorded measurements
- Extra low measuring force, from 0.2N
- Measure internal and external diameters, centerlines, heights, widths, depths and MIN/MAX/TIR capability
- Excellent repeatability thanks to the motorized carriage
- High reliability
- Bluetooth, USB and RS232 data outputs
- 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

FREE 1mm Ball Probe
with 6”/150mm and 12”/300mm Hi_Cal Purchase!

FREE Basic Probe Set
with 54-931-450-BT Hi_Cal Purchase $675.00 Value!

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-931-150-BT</td>
<td>6”/150mm</td>
<td>0.0007/0.0003mm</td>
<td>$5,698.25</td>
<td>$5,128.43</td>
</tr>
<tr>
<td>54-931-150-BT-C</td>
<td>6”/150mm with ISO/A2LA Certification</td>
<td>0.0007/0.0003mm</td>
<td>$5,378.43</td>
<td>$5,378.43</td>
</tr>
<tr>
<td>54-931-300-BT</td>
<td>12”/300mm</td>
<td>0.00016/0.0004mm</td>
<td>$6,219.85</td>
<td>$5,947.87</td>
</tr>
<tr>
<td>54-931-300-BT-C</td>
<td>12”/300mm with ISO/A2LA Certification</td>
<td>0.00016/0.0004mm</td>
<td>$7,080.10</td>
<td>$6,372.09</td>
</tr>
<tr>
<td>54-931-450-BT</td>
<td>17.5”/450mm</td>
<td>0.0002/0.0005mm</td>
<td>$7,080.10</td>
<td>$6,372.09</td>
</tr>
<tr>
<td>54-931-450-BT-C</td>
<td>17.5”/450mm with ISO/A2LA Certification</td>
<td>0.0002/0.0005mm</td>
<td>$7,080.10</td>
<td>$6,372.09</td>
</tr>
</tbody>
</table>

Accessories
- 54-930-215-0 Full Probe Accessory Set $1,659.78 $1,215.00
- 54-930-217-0 Basic Probe Accessory Set $840.80 $675.00

Prices & Specifications are subject to change without notice.
NEW

SWISS

Height Gages

NOW available with ISO Cert
Contact the Fowler Sales Department 1-800-788-2353

Prices & Specifications are subject to change without notice.
**Fowler Ultra-Cal VI Electronic Calipers**

**Features:**
- IP67 protected against fluid and dust
- Available with or without Bluetooth
- Heavy duty frame
- Extra large display
- NOW available with ISO Cert
- 12"/300mm is supplied without depth rod

**Calibration certificates available for all sizes**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-177-0</td>
<td>6&quot;/150mm</td>
<td>0.0008&quot;/20μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$172.73</td>
<td>$164.09</td>
</tr>
<tr>
<td>54-100-178-0</td>
<td>8&quot;/200mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$354.55</td>
<td>$336.82</td>
</tr>
<tr>
<td>54-100-179-0</td>
<td>12&quot;/300mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$468.11</td>
<td>$444.70</td>
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</table>

**Bluetooth Models**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-167-0</td>
<td>6&quot;/150mm</td>
<td>0.0008&quot;/20μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$398.37</td>
<td>$378.45</td>
</tr>
<tr>
<td>54-100-168-0</td>
<td>8&quot;/200mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$645.90</td>
<td>$613.61</td>
</tr>
<tr>
<td>54-100-169-0</td>
<td>12&quot;/300mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$860.60</td>
<td>$817.57</td>
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</table>

**Accessories**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-115-246-BT</td>
<td>USB bluetooth receiver</td>
<td></td>
<td></td>
<td>$50.80</td>
<td>$45.80</td>
</tr>
</tbody>
</table>

**Fowler Ultra-Cal VI Proximity Electronic Calipers**

**Features:**
- IP67 protected against fluid and dust
- Ultra-Cal VI technology with proximity cable data output
- Heavy duty frame
- Extra large display
- 12"/300mm is supplied without depth rod

**Calibration certificates available for all sizes**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-444-1</td>
<td>6&quot;/150mm</td>
<td>0.0008&quot;/20μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$188.99</td>
<td>$179.54</td>
</tr>
<tr>
<td>54-100-448-1</td>
<td>8&quot;/200mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$300.00</td>
<td>$287.16</td>
</tr>
<tr>
<td>54-100-412-1</td>
<td>12&quot;/300mm</td>
<td>0.0012&quot;/30μm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$527.27</td>
<td>$490.51</td>
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**Connectivity Cables**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-115-526-0</td>
<td>Proximity cable with USB connection</td>
<td></td>
<td></td>
<td>$198.87</td>
<td>$182.50</td>
</tr>
<tr>
<td>54-115-527-0</td>
<td>Proximity cable with serial connection</td>
<td></td>
<td></td>
<td>$202.69</td>
<td>$186.00</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
**Fowler Rapid-Mic Quick-Displacement Electronic Micrometers**

*World's finest Micrometer!*

Features:
- Fastest micrometer on the market
- IP67 protected against fluid and dust
- Position recall
- Adjustable measuring force, 5N/10N (54-815-030-0 and 54-815-130-0 only)
- Menu customizable with free software
- Position recall
- Bluetooth Models
- Connectivity Cables/Accessory
- USB output or Bluetooth available

**See it in ACTION!**

**LIFETIME WARRANTY**

**Compare to Mitutoyo**

- 0-4" Range
  - 54-815-030-0 $2,820.47
  - 54-815-130-0 $3,526.07
  - 54-815-100-0 $3,299.00

**Calibration certificates available for all sizes**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-815-030-0</td>
<td>0 - 1.16&quot;/0 - 30mm</td>
<td>0.00012&quot;/0.003mm</td>
<td>Compare to Mitutoyo 293-676-20 @ $560.00</td>
<td>$513.95</td>
</tr>
<tr>
<td>54-815-060-0</td>
<td>1.18&quot; - 2.6&quot;/0 - 66mm</td>
<td>0.00016&quot;/0.004mm</td>
<td>$990.15</td>
<td>$959.15</td>
</tr>
<tr>
<td>54-815-100-0</td>
<td>2.6&quot; - 4.0&quot;/0 - 102mm</td>
<td>0.00020&quot;/0.005mm</td>
<td>$1,224.37</td>
<td>$1,159.81</td>
</tr>
<tr>
<td>Set</td>
<td>0 - 4&quot;/0 - 102mm</td>
<td></td>
<td>$2,820.47</td>
<td>$2,679.45</td>
</tr>
<tr>
<td><strong>Bluetooth Models</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54-815-130-0</td>
<td>0 - 1.18&quot;/0 - 30mm</td>
<td>0.00012&quot;/0.003mm</td>
<td>$924.22</td>
<td>$792.40</td>
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<tr>
<td>54-815-160-0</td>
<td>1.18&quot; - 2.6&quot;/0 - 66mm</td>
<td>0.00016&quot;/0.004mm</td>
<td>$1,214.24</td>
<td>$1,090.00</td>
</tr>
<tr>
<td>54-815-110-0</td>
<td>2.6&quot; - 4.0&quot;/0 - 102mm</td>
<td>0.00020&quot;/0.005mm</td>
<td>$1,438.52</td>
<td>$1,366.59</td>
</tr>
<tr>
<td><strong>Bluetooth Set</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54-815-112-0</td>
<td>0 - 4&quot;/0 - 102mm</td>
<td></td>
<td>$3,526.07</td>
<td>$3,299.00</td>
</tr>
</tbody>
</table>

**Connectivity Cables/Accessory**
- Proximity cable with USB connection $198.87 $135.00
- Proximity cable with serial connection $202.69 $135.00
- USB Bluetooth receiver $50.80 $45.80

*Prices & Specifications are subject to change without notice.*
Fowler QuadraTest
Multimode Electronic Test Indicators

The Fowler QuadraTest is the perfect solution for test indicating applications

Features:
• Bluetooth connectivity to your phone or tablet
• IP65 protected against fluid and dust
• 4 measuring modes: Min, Max, TIR and Direct
• 4 measuring resolutions - 0.00005”/0.001mm or 0.0005”/0.01mm
• 1-1/2" diameter dial face rotates a full 360°
• Analog scale for reversal point indication
• Meets or exceeds DIN/ISO Standards (Maximum error on .00005” scale at full range: 0.0004”)
• 54-562-890-BT is capable of interchanging contact point lengths

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Contact Point Length</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-562-777-BT</td>
<td>0.030”/0.80mm</td>
<td>1/2”</td>
<td>$576.14</td>
<td>$509.66</td>
</tr>
<tr>
<td>54-562-888-BT</td>
<td>0.080”/2.0mm</td>
<td>1-7/16”</td>
<td>$651.62</td>
<td>$576.42</td>
</tr>
<tr>
<td>54-562-890-BT</td>
<td>0.030”/0.80mm</td>
<td>1/2”</td>
<td>$709.50</td>
<td>$627.63</td>
</tr>
</tbody>
</table>

Fowler Mini S.Dial Indicators

Small in size BIG in features!

Features:
• All indicators features 0.50”/12.5mm range
• Bluetooth connectivity to your phone or tablet
• IP67 protected against fluid and dust
• Analog scale for reversal point indication
• 3/8” mounting diameter with 4-48 contact thread
• Auto power off feature
• Optional cable connectivity output

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Contact Point Length</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-520-687-BT</td>
<td>0.0004”/0.01mm</td>
<td>0.0005”/0.01mm</td>
<td>$586.20</td>
<td>$518.56</td>
</tr>
<tr>
<td>54-520-690-BT</td>
<td>0.0002”/0.005mm</td>
<td>0.00005”/0.001mm</td>
<td>$764.85</td>
<td>$676.59</td>
</tr>
<tr>
<td>54-520-691-0</td>
<td>0.0004”/0.01mm</td>
<td>0.0005”/0.01mm</td>
<td>$442.81</td>
<td>$391.71</td>
</tr>
<tr>
<td>54-520-692-0</td>
<td>0.0002”/0.005mm</td>
<td>0.00005”/0.001mm</td>
<td>$611.36</td>
<td>$540.82</td>
</tr>
<tr>
<td>54-115-528-0</td>
<td>Output Cable USB</td>
<td></td>
<td>$319.85</td>
<td>$303.86</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Fowler Mark VI Electronic Indicators

Features:
- IP54 protected against fluid and dust
- Repeatability: 2μm
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Menus customizable with free software
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset, Auto Off, etc)
- Bezel rotates 270°
- Large display with LED tolerance indicators
- Includes lug back

Fowler's commitment is NOW EVEN STRONGER! Accurate data logging for only an additional $25.00.

Make Your Life Easier! Upgrade to BLUETOOTH today!

Calibration certificates available for all sizes

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Resolution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54-530-125-0</td>
<td>0 - 0.500&quot;/12.5mm</td>
<td>0.0004&quot;/0.01mm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$498.16</td>
<td>$440.68</td>
</tr>
<tr>
<td>54-530-145-0</td>
<td>0 - 1&quot;/25mm</td>
<td>0.0004&quot;/0.01mm</td>
<td>0.0005&quot;/0.01mm</td>
<td>$568.60</td>
<td>$502.99</td>
</tr>
<tr>
<td>High Resolution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54-530-135-0</td>
<td>0 - 0.500&quot;/12.5mm</td>
<td>0.000012&quot;/0.003mm</td>
<td>0.000001&quot;/0.0001mm</td>
<td>$616.39</td>
<td>$545.27</td>
</tr>
<tr>
<td>54-530-155-0</td>
<td>0 - 1&quot;/25mm</td>
<td>0.000016&quot;/0.004mm</td>
<td>0.000001&quot;/0.0001mm</td>
<td>$674.27</td>
<td>$596.47</td>
</tr>
<tr>
<td>54-530-175-0</td>
<td>0 - 2&quot;/50mm</td>
<td>0.000019&quot;/0.005mm</td>
<td>0.000001&quot;/0.0001mm</td>
<td>$1,182.49</td>
<td>$1,046.05</td>
</tr>
<tr>
<td>NANO with Bluetooth</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>54-530-635-0</td>
<td>0 - 0.500&quot;/12.5mm</td>
<td>0.0000007&quot;/0.000018mm</td>
<td>0.0000001&quot;/0.000001mm</td>
<td>$1,133.68</td>
<td>$1,002.87</td>
</tr>
<tr>
<td>54-530-640-0</td>
<td>0 - 1&quot;/25mm</td>
<td>0.0000008&quot;/0.000022mm</td>
<td>0.0000001&quot;/0.000001mm</td>
<td>$1,235.50</td>
<td>$1,092.94</td>
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<tr>
<td>Analog Display</td>
<td></td>
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</tr>
<tr>
<td>54-530-535-0</td>
<td>0 - 0.500&quot;/12.5mm</td>
<td>0.00012&quot;/0.003mm</td>
<td>0.000001&quot;/0.00001mm</td>
<td>$671.55</td>
<td>$521.20</td>
</tr>
<tr>
<td>54-530-555-0</td>
<td>0 - 1&quot;/25mm</td>
<td>0.00016&quot;/0.004mm</td>
<td>0.000001&quot;/0.00001mm</td>
<td>$734.23</td>
<td>$599.80</td>
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<tr>
<td>Accessory</td>
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<td></td>
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<tr>
<td>54-115-246-BT</td>
<td>USB Bluetooth Receiver</td>
<td></td>
<td></td>
<td>$50.80</td>
<td>$45.80</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Fowler Wyler Clinotronic-S

The Clinotronic-S is a portable precision instrument for measuring inclinations up to ±45°. The large, backlit, high contrast color display provides excellent readability even under adverse conditions in the workshop or under a machine.

The Clinotronic-S can be connected to an Android™ device, which can then be used as a remote display. This new feature makes the instrument much more versatile and suitable for many applications. It is built on the success of the Clinotronic PLUS, while retaining the features that made it famous, like its reliability and versatility, plus it adds the latest technology:

**Features:**
- Wireless functionality (APP wylerUNIVERSAL for Android™)
- Data transmission via USB cable as well
- User friendly
- Adjustable to local gravity
- Improved mechanical accuracy
- Excellent color display with low power consumption

Order No. 54-635-601-0
Sale $2,070.10  List $2,179.05

Fowler Wyler 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 ±45°, capacity of 0-360°
- Resolution of 0.01° (selectable)
- Absolute or relative measuring mode selectable by push button
- Seal-tec technology for excellent performance even in difficult environmental conditions
- Interface connection RS-232 is integrated.
- Special purpose cables available
- No loss of calibration data by power failure
- Response time: value available within 5 seconds
- Repeatability: <.01°
- Linearity: 3 min. of arc ± 1
- Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1" (100 x 75 x 30mm)

Order No. 54-635-605-0
Sale $3,467.10  List $3,649.48

**NEW**

SWISS Hand Tools
GIROD-TAST Indicators

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

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

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Dial Reading</th>
<th>Dial Grad.</th>
<th>Total Range</th>
<th>Dia Dia.</th>
<th>Accuracy</th>
<th>Dia. Points Included</th>
<th>Point Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-253-0</td>
<td>0-4-0</td>
<td>0.0001&quot;</td>
<td>0.008&quot;</td>
<td>1&quot;</td>
<td>0.00016&quot;</td>
<td>0.040&quot;, 0.080&quot; &amp; 0.120&quot;</td>
<td>0.500&quot;</td>
</tr>
<tr>
<td>52-562-453-0</td>
<td>0-4-0</td>
<td>0.0001&quot;</td>
<td>0.008&quot;</td>
<td>1-1/2&quot;</td>
<td>0.00016&quot;</td>
<td>0.040&quot;, 0.080&quot; &amp; 0.120&quot;</td>
<td>0.500&quot;</td>
</tr>
<tr>
<td>52-562-252-0</td>
<td>0-15-0</td>
<td>0.0005&quot;</td>
<td>0.060&quot;</td>
<td>1&quot;</td>
<td>0.00065&quot;</td>
<td>0.040&quot;, 0.080&quot; &amp; 0.120&quot;</td>
<td>0.800&quot;</td>
</tr>
<tr>
<td>52-562-452-0</td>
<td>0-15-0</td>
<td>0.0005&quot;</td>
<td>0.060&quot;</td>
<td>1-1/2&quot;</td>
<td>0.00065&quot;</td>
<td>0.040&quot;, 0.080&quot; &amp; 0.120&quot;</td>
<td>0.800&quot;</td>
</tr>
<tr>
<td>52-562-474-0</td>
<td>0-10-0</td>
<td>0.0005&quot;</td>
<td>0.020&quot;</td>
<td>1-1/2&quot;</td>
<td>0.00065&quot;</td>
<td>0.040&quot;, 0.080&quot; &amp; 0.120&quot;</td>
<td>1.5&quot;</td>
</tr>
<tr>
<td>52-563-453-0</td>
<td>0-100-0</td>
<td>0.002mm</td>
<td>0.2mm</td>
<td>38mm</td>
<td>0.0035mm</td>
<td>1, 2 &amp; 3 mm</td>
<td>12.5mm</td>
</tr>
<tr>
<td>52-563-253-0</td>
<td>0-100-0</td>
<td>0.002mm</td>
<td>0.2mm</td>
<td>28mm</td>
<td>0.0035mm</td>
<td>1, 2 &amp; 3 mm</td>
<td>12.5mm</td>
</tr>
</tbody>
</table>

Order No. | Description | List Price | Sale Price
---|-------------|------------|-------------|
52-562-253-0 | Horizontal GIROD-TAST Indicator | $237.53 | **$225.70**
52-562-453-0 | Horizontal GIROD-TAST Indicator | $260.52 | **$247.50**
52-562-252-0 | Horizontal GIROD-TAST Indicator | $305.35 | **$290.10**
52-562-452-0 | Horizontal GIROD-TAST Indicator | $285.20 | **$271.00**
52-562-474-0 | Vertical GIROD-TAST Indicator | $344.03 | **$326.90**
52-563-453-0 | Horizontal GIROD-TAST Indicator | $269.48 | **$199.00**
52-563-253-0 | Horizontal GIROD-TAST Indicator | $270.62 | **$257.10**

Prices & Specifications are subject to change without notice.
Outside Inch Micrometers

Features:
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: 0.256"
- Graduation: 0.0001"
- Flatness: 0.00003"
- Positive lever locking clamp
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Includes a wrench and case
- Sizes over 1"/25mm include a calibration standard

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Thimble</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-240-101-1</td>
<td>0 - 1&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$47.19</td>
<td>$42.47</td>
</tr>
<tr>
<td>52-240-002-1</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.00016&quot;</td>
<td>Friction</td>
<td>$54.89</td>
<td>$49.40</td>
</tr>
<tr>
<td>52-240-102-1</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$54.89</td>
<td>$49.40</td>
</tr>
<tr>
<td>52-240-003-1</td>
<td>2&quot; - 3&quot;</td>
<td>± 0.0002&quot;</td>
<td>Ratchet</td>
<td>$64.13</td>
<td>$57.72</td>
</tr>
<tr>
<td>52-240-004-1</td>
<td>3&quot; - 4&quot;</td>
<td>± 0.0002&quot;</td>
<td>Ratchet</td>
<td>$71.61</td>
<td>$64.46</td>
</tr>
<tr>
<td>52-240-005-1</td>
<td>4&quot; - 5&quot;</td>
<td>± 0.00024&quot;</td>
<td>Ratchet</td>
<td>$79.31</td>
<td>$71.38</td>
</tr>
<tr>
<td>52-240-006-1</td>
<td>5&quot; - 6&quot;</td>
<td>± 0.00024&quot;</td>
<td>Ratchet</td>
<td>$86.90</td>
<td>$78.21</td>
</tr>
<tr>
<td>52-240-007-1</td>
<td>6&quot; - 7&quot;</td>
<td>± 0.00028&quot;</td>
<td>Ratchet</td>
<td>$94.49</td>
<td>$85.04</td>
</tr>
<tr>
<td>52-240-008-1</td>
<td>7&quot; - 8&quot;</td>
<td>± 0.00028&quot;</td>
<td>Ratchet</td>
<td>$111.21</td>
<td>$100.09</td>
</tr>
<tr>
<td>52-240-009-1</td>
<td>8&quot; - 9&quot;</td>
<td>± 0.00032&quot;</td>
<td>Ratchet</td>
<td>$126.39</td>
<td>$113.75</td>
</tr>
<tr>
<td>52-240-010-1</td>
<td>9&quot; - 10&quot;</td>
<td>± 0.00032&quot;</td>
<td>Ratchet</td>
<td>$143.33</td>
<td>$129.00</td>
</tr>
<tr>
<td>52-240-011-1</td>
<td>10&quot; - 11&quot;</td>
<td>± 0.00036&quot;</td>
<td>Ratchet</td>
<td>$158.51</td>
<td>$142.66</td>
</tr>
<tr>
<td>52-240-012-1</td>
<td>11&quot; - 12&quot;</td>
<td>± 0.00036&quot;</td>
<td>Ratchet</td>
<td>$173.69</td>
<td>$166.32</td>
</tr>
<tr>
<td>Sets</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>52-215-003-1</td>
<td>0 - 3&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$164.45</td>
<td>$148.01</td>
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<tr>
<td>52-215-012-1</td>
<td>0 - 12&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$1,212.53</td>
<td>$1,091.28</td>
</tr>
<tr>
<td>52-215-612-1</td>
<td>6 - 12&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$799.92</td>
<td>$719.59</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Interchangeable Anvil Micrometers

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

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

Features:
- Parallelism: 0.0004"
- Flatness: 0.00003"
- Graduations are microfine on satin chrome for easy reading
- Each anvil is fitted with an adjusting collar to set the overall dimension
- Spindle thread is hardened and precision ground with microlap finish in carbide tipped measuring faces
- Ratchet stop ensures exact readings
- A wrench is included for fast, easy zero adjustment on the sleeve
- Positive lever locking clamp assures accurate settings
- Standards are included with each set

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-401-221-1</td>
<td>0 - 6&quot;</td>
<td>0.001&quot;</td>
<td>0.00024&quot;</td>
<td>$297.91</td>
<td>$275.60</td>
</tr>
<tr>
<td>52-401-222-1</td>
<td>6&quot; - 12&quot;</td>
<td>0.001&quot;</td>
<td>0.00024&quot;</td>
<td>$437.51</td>
<td>$404.70</td>
</tr>
<tr>
<td>52-401-204-1</td>
<td>12&quot; - 16&quot;</td>
<td>0.001&quot;</td>
<td>0.000036&quot;</td>
<td>$525.05</td>
<td>$498.80</td>
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<tr>
<td>52-401-205-1</td>
<td>16&quot; - 20&quot;</td>
<td>0.001&quot;</td>
<td>0.000036&quot;</td>
<td>$612.48</td>
<td>$581.90</td>
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</tbody>
</table>

Outside Inch Micrometers

with Decimal Equivalents on Frame

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Thimble</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-235-001-1</td>
<td>0 - 1&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>Compare to Starrett T230RL @ $204.30</td>
<td>$67.62</td>
</tr>
<tr>
<td>52-235-002-2</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.00016&quot;</td>
<td>Ratchet</td>
<td>$86.90</td>
<td>$78.21</td>
</tr>
<tr>
<td>52-235-003-2</td>
<td>2&quot; - 3&quot;</td>
<td>± 0.0002&quot;</td>
<td>Ratchet</td>
<td>$108.68</td>
<td>$97.81</td>
</tr>
<tr>
<td>Set</td>
<td></td>
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<td></td>
<td>$237.40</td>
<td>$213.66</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Outside Inch Micrometers

**Features:**
- Carbide tipped measuring faces
- Graduation: 0.001"
- Diameter of measuring faces: 0.256"
- Positive locking lever
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Sizes over 1"/25mm include a calibration standard

**Micrometers**

**21.2**

**Order No.** 52-253-600-1  
**Sale $297.90**  
**List $364.10**

**Tool-A-Thon Special Pricing**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Thimble</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-253-001-1</td>
<td>0 - 1&quot;</td>
<td>± 0.001&quot;</td>
<td>Friction</td>
<td>$43.19</td>
<td>$32.00</td>
</tr>
<tr>
<td>52-253-002-1</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.001&quot;</td>
<td>Friction</td>
<td>$47.19</td>
<td>$33.00</td>
</tr>
<tr>
<td>52-253-003-1</td>
<td>2&quot; - 3&quot;</td>
<td>± 0.001&quot;</td>
<td>Ratchet</td>
<td>$54.89</td>
<td>$38.00</td>
</tr>
<tr>
<td>52-253-004-1</td>
<td>3&quot; - 4&quot;</td>
<td>± 0.001&quot;</td>
<td>Ratchet</td>
<td>$64.13</td>
<td>$43.00</td>
</tr>
<tr>
<td>52-253-005-1</td>
<td>4&quot; - 5&quot;</td>
<td>± 0.001&quot;</td>
<td>Ratchet</td>
<td>$71.61</td>
<td>$46.00</td>
</tr>
<tr>
<td>52-253-006-1</td>
<td>5&quot; - 6&quot;</td>
<td>± 0.001&quot;</td>
<td>Ratchet</td>
<td>$79.31</td>
<td>$55.00</td>
</tr>
</tbody>
</table>

Order No. 52-253-600-1

**Outside Inch Micrometer Set**

**Features:**
- Range: 0 - 6"
- Carbide tipped measuring faces
- Graduation: 0.001"
- Diameter of measuring faces: 0.256"
- Positive locking lever
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Sizes over 1"/25mm include a calibration standard

**Tool-A-Thon Special Pricing**

Price & Specifications are subject to change without notice.
Digit Counter Micrometers

Features:
• Digital counter reads to 0.001"
• Resolution: 0.0001" (using vernier)
• Microfine graduations on satin chrome
• Carbide tipped measuring faces
• Positive locking nut on spindle
• Sizes over 1"/25mm include a calibration standard
• Includes case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-224-001-1</td>
<td>0 - 1&quot;</td>
<td>± 0.00016&quot;</td>
<td>$71.50</td>
<td>$57.00</td>
</tr>
<tr>
<td>52-224-002-1</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.00016&quot;</td>
<td>$90.95</td>
<td>$72.00</td>
</tr>
<tr>
<td>52-224-003-1</td>
<td>2&quot; - 3&quot;</td>
<td>± 0.0002&quot;</td>
<td>$101.20</td>
<td>$80.00</td>
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<td>52-224-004-1</td>
<td>3&quot; - 4&quot;</td>
<td>± 0.0002&quot;</td>
<td>$125.07</td>
<td>$98.00</td>
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<tr>
<td>52-224-005-1</td>
<td>4&quot; - 5&quot;</td>
<td>± 0.00024&quot;</td>
<td>$146.85</td>
<td>$115.00</td>
</tr>
<tr>
<td>52-224-006-1</td>
<td>5&quot; - 6&quot;</td>
<td>± 0.00024&quot;</td>
<td>$166.50</td>
<td>$132.00</td>
</tr>
</tbody>
</table>

Sets
<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-224-101-0</td>
<td>0 - 1&quot;, 1 - 2&quot;: ± 0.00016&quot;</td>
<td>$220.11</td>
<td>$170.00</td>
</tr>
<tr>
<td>52-224-102-0</td>
<td>2 - 3&quot;, ± 0.0002&quot;</td>
<td>$235.00</td>
<td>$195.00</td>
</tr>
</tbody>
</table>

Swiss-Style Micrometers

Features:
• 0.0001" reading
• Carbide measuring faces
• Insulated frame
• Ratchet thimble and locking lever
• Microfine graduations
• Sizes over 1"/25mm include a calibration standard
• Includes case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-229-201-0</td>
<td>0 - 1&quot;</td>
<td>± 0.00016&quot;</td>
<td>$61.05</td>
<td>$49.00</td>
</tr>
<tr>
<td>52-229-202-0</td>
<td>1&quot; - 2&quot;</td>
<td>± 0.00016&quot;</td>
<td>$71.50</td>
<td>$57.00</td>
</tr>
<tr>
<td>52-229-203-0</td>
<td>2&quot; - 3&quot;</td>
<td>± 0.0002&quot;</td>
<td>$90.95</td>
<td>$72.00</td>
</tr>
<tr>
<td>52-229-204-0</td>
<td>3&quot; - 4&quot;</td>
<td>± 0.0002&quot;</td>
<td>$101.20</td>
<td>$80.00</td>
</tr>
<tr>
<td>52-229-205-0</td>
<td>4&quot; - 5&quot;</td>
<td>± 0.00024&quot;</td>
<td>$125.07</td>
<td>$98.00</td>
</tr>
<tr>
<td>52-229-206-0</td>
<td>5&quot; - 6&quot;</td>
<td>± 0.00024&quot;</td>
<td>$146.85</td>
<td>$115.00</td>
</tr>
</tbody>
</table>

Sets
<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-229-213-0</td>
<td>0 - 1&quot;, 1 - 2&quot;: ± 0.00016&quot;</td>
<td>$220.11</td>
<td>$170.00</td>
</tr>
<tr>
<td>52-229-214-0</td>
<td>2 - 3&quot;, 3 - 4&quot;: ± 0.0002&quot;</td>
<td>$235.00</td>
<td>$195.00</td>
</tr>
</tbody>
</table>
Electronic Micrometers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-870-001-0</td>
<td>0 - 1&quot;/0 - 25mm</td>
<td>± 0.00016&quot;/0.004mm</td>
<td>$110.20</td>
<td>$80.20</td>
</tr>
<tr>
<td>54-870-002-0</td>
<td>1&quot; - 2&quot;/25 - 50mm</td>
<td>± 0.00016&quot;/0.004mm</td>
<td>$119.02</td>
<td>$86.60</td>
</tr>
<tr>
<td>54-870-003-0</td>
<td>2&quot; - 3&quot;/50 - 75mm</td>
<td>± 0.0002&quot;/0.005mm</td>
<td>$134.86</td>
<td>$98.10</td>
</tr>
<tr>
<td>54-870-004-0</td>
<td>3&quot; - 4&quot;/75 - 100mm</td>
<td>± 0.0002&quot;/0.005mm</td>
<td>$150.81</td>
<td>$109.70</td>
</tr>
</tbody>
</table>

Set

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-870-103-0</td>
<td>0 - 3&quot;/0 - 75mm</td>
<td>$355.90</td>
<td>$236.20</td>
</tr>
</tbody>
</table>

Features:
- IP40 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble
- Sizes over 1"/25mm include a calibration standard

Electronic Coolant Resistant Micrometer Sets

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-860-103-1</td>
<td>0 - 3&quot;/0 - 75mm</td>
<td>$459.36</td>
<td>$334.10</td>
</tr>
<tr>
<td>54-860-106-1</td>
<td>0 - 6&quot;/0 - 150mm</td>
<td>$1,205.92</td>
<td>$1,145.62</td>
</tr>
</tbody>
</table>

Features:
- IP54 protected against fluid and dust
- Automatic switch off
- Resolution: 0.00005"/0.0011mm
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include a calibration standard

Prices & Specifications are subject to change without notice.
Point Spindle & Blade Anvil Micrometer

60° pointed spindle with blade anvil for grooves and hard to reach dimensions

Order No. 54-860-671-0

Sale $167.80  List $176.57

Features:
- IP54 protected against fluid and dust
- Range: 0 - 0.08”/0 - 20mm
- Accuracy: 0.00016”/0.004mm
- Resolution: 0.00005”/0.001mm
- Hardened steel measuring faces
- Absolute & incremental modes

Point Anvil & Spindle Micrometer

30° pointed anvil and spindle for measuring small grooves, key-ways, small flutes and hard to reach dimensions

Order No. 54-860-661-0

Sale $150.00  List $205.26

Features:
- IP54 protected against fluid and dust
- Range: 0 - 1”/0 - 25mm
- Accuracy: 0.00016”/0.004mm
- Resolution: 0.00005”/0.001mm
- Hardened steel measuring faces
- Absolute & incremental modes

Electronic IP54 Ball Anvil Micrometer

Ball anvil and flat spindle for measuring tubes or the insides of holes to outer edges

Order No. 54-860-113-1

Sale $105.00  List $141.57

Features:
- IP54 protected against fluid and dust
- Range: 0 - 1”/0 - 25mm
- Accuracy: 0.00016”/0.004mm
- Resolution: 0.00005”/0.001mm
- Hardened steel measuring faces
- Absolute & incremental modes

Prices & Specifications are subject to change without notice.
21.2

Vernier Thread Micrometers

Features:
• 60° measuring anvils
• Painted enamel and heat insulated frame
• Positive spindle lock
• Graduation: 0.001"
• Ratchet thimble
• Sizes over 1" include standard

Micrometers

52-219-001-1

Order No. Range Thread Range Accuracy List Price Sale Price
52-219-001-1 0 - 1" 64 - 5 TPI/0.4 - 5mm ± 0.00016" $297.88 $262.13
52-219-002-1 1" - 2" 44 - 3.5 TPI/0.6 - 7mm ± 0.00016" $313.35 $275.75
52-219-003-1 2" - 3" 24 - 3.5 TPI/1 - 7mm ± 0.0002" $318.20 $280.02
52-219-004-1 3" - 4" 24 - 3.5 TPI/1 - 7mm ± 0.0002" $331.82 $292.00

Electronic IP65 Thread Micrometers

Features:
• IP65 protected against fluid and dust
• True inch/metric conversion
• 60° measuring anvils
• ABS/INC measuring mode
• Positive spindle lock
• Painted enamel and heat insulated frame
• Resolution: 0.00005"/0.001mm
• Friction thimble
• Sizes over 1" include standard

54-219-001-0

Order No. Range Thread Range Accuracy List Price Sale Price
54-219-001-0 0 - 1" 64 - 5 TPI/0.4 - 5mm ± 0.00008"/0.002mm $297.88 $262.13
54-219-002-0 1" - 2" 44 - 3.5 TPI/0.6 - 7mm ± 0.00008"/0.002mm $313.35 $275.75
54-219-003-0 2" - 3" 24 - 3.5 TPI/1 - 7mm ± 0.00008"/0.002mm $318.20 $280.02
54-219-004-0 3" - 4" 24 - 3.5 TPI/1 - 7mm ± 0.00012"/0.003mm $331.82 $292.00

Thread Measuring Wire Set

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

Order No. 52-485-048-0

Sale $31.00

List $34.98

Prices & Specifications are subject to change without notice.
Use blade micrometers to measure the outside diameter of workpieces which have narrow grooves, "T" slots and other dimensions.

Vernier Inch Blade Micrometers

Features:
- Anvil & spindle hardened & precision ground with microlap finish on ends
- Non-rotating spindle
- Ratchet thimble
- Blade thickness = 0.030"; blade width = 0.256"; blade penetration = 0.315"
- Sizes over 1" include a standard

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-246-001-1</td>
<td>0 - 1&quot;</td>
<td>0.0001&quot;</td>
<td>0.00016&quot;</td>
<td>$250.51</td>
<td>$231.80</td>
</tr>
<tr>
<td>52-246-002-1</td>
<td>1&quot; - 2&quot;</td>
<td>0.0001&quot;</td>
<td>0.00016&quot;</td>
<td>$272.73</td>
<td>$252.30</td>
</tr>
<tr>
<td>52-246-003-1</td>
<td>2&quot; - 3&quot;</td>
<td>0.0001&quot;</td>
<td>0.0002&quot;</td>
<td>$284.75</td>
<td>$263.40</td>
</tr>
<tr>
<td>52-246-004-1</td>
<td>3&quot; - 4&quot;</td>
<td>0.0001&quot;</td>
<td>0.0002&quot;</td>
<td>$290.20</td>
<td>$268.50</td>
</tr>
</tbody>
</table>

Electronic IP54 Blade Micrometers

Features:
- IP54 protected against fluid and dust
- True inch/metric conversion
- Accuracy: 0.00016"
- Resolution: 0.00005"/0.001mm
- Friction thimble
- Sizes over 1" include standard

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-860-241-0</td>
<td>0 - 1&quot; Blade Anvil</td>
<td>$309.13</td>
<td>$286.00</td>
</tr>
<tr>
<td>54-860-242-0</td>
<td>1&quot; - 2&quot; Blade Anvil with standard</td>
<td>$335.78</td>
<td>$310.60</td>
</tr>
<tr>
<td>54-860-243-0</td>
<td>2&quot; - 3&quot; Blade Anvil with standard</td>
<td>$350.75</td>
<td>$324.50</td>
</tr>
<tr>
<td>54-860-244-0</td>
<td>3&quot; - 4&quot; Blade Anvil with standard</td>
<td>$367.08</td>
<td>$339.60</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Electronic Indicating Micrometers

A superior tool in quality and design, the Fowler Bowers electronic indicating micrometer operates quickly and easily.

**Features:**
- Retractable anvil travel: 0.275"/7mm
- Switchable resolution 0.0005"/0.01mm, 0.00005"/0.001mm
- Repeatability: 0.00002"/1μm
- Measuring force 4.5 - 6N
- Adjustable table for parts
- Two reference memories
- Preset Recall function
- Tolerance indication
- Min/Max/TIR function

![Image of Fowler Bowers electronic indicating micrometer](54-245-777-0)

**While supplies last!**

**Order No.** | **Description** | **List Price** | **Sale Price**
---|---|---|---
54-245-777-0 | 0 - 1.25"/0-30mm | $1,283.20 | **$1,110.00**
54-245-780-0 | 1.25" - 2.50"/30-60mm | $1,553.61 | **$1,350.00**

![Image of Fowler Bowers electronic indicating micrometer with stand](54-245-800-0)

**Indi-F-X Indicating Micrometers**

**Features:**
- Anvil and spindle hardened and precision ground
- Fully insulated frame, satin chrome finish
- Carbide tipped anvil & spindle
- Retracting button conveniently located in relation to operator’s hand
- 0 - 1" range, thimble graduated in 0.001"
- Flatness: 0.000012"/0.1μm
- Dial graduated in 0.00005"/0.001mm
- Diameter of spindle: 0.256"/6.5mm
- 1" - 2" includes standard
- Includes case

![Image of Indi-F-X indicating micrometer](52-245-501-0)

**Order No.** | **Range** | **Accuracy** | **List Price** | **Sale Price**
---|---|---|---|---
52-245-501-0 | 0 - 1" | 0.00016" | $408.36 | **$377.80**
52-245-502-0 | 1" - 2" | 0.00016" | $473.57 | **$438.10**

Prices & Specifications are subject to change without notice.
The disc type anvil and spindle simplifies measuring the thickness of difficult, closely spaced sections, ribs, keys, fins, cutting edges on forming tools, chordal thickness of gear teeth, etc.

### Electronic IP54 Disc Micrometers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-860-301-0</td>
<td>0 - 1/16 - 25mm</td>
<td>0.00016&quot;</td>
<td>$304.60</td>
<td>$283.80</td>
</tr>
<tr>
<td>54-860-302-0</td>
<td>1/16 - 2/5 - 50mm</td>
<td>0.00016&quot;</td>
<td>$327.85</td>
<td>$303.30</td>
</tr>
</tbody>
</table>

### Digit Counter Disc Micrometers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-250-301-1</td>
<td>0 - 1&quot;</td>
<td>0.00016&quot;</td>
<td>$183.60</td>
<td>$169.90</td>
</tr>
<tr>
<td>52-250-302-1</td>
<td>1&quot; - 2&quot;</td>
<td>0.00016&quot;</td>
<td>$201.97</td>
<td>$186.90</td>
</tr>
</tbody>
</table>

### Disc Micrometers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-250-111-1</td>
<td>0 - 1&quot;</td>
<td>0.00016&quot;</td>
<td>$122.59</td>
<td>$113.40</td>
</tr>
<tr>
<td>52-250-112-1</td>
<td>1&quot; - 2&quot;</td>
<td>0.00016&quot;</td>
<td>$138.24</td>
<td>$127.90</td>
</tr>
</tbody>
</table>

Orders must be placed in multiples of 5. Prices & Specifications are subject to change without notice.
For measuring the internal diameters of tubes, bearings, slots, and more!

Electronic IP54 Inside Micrometers

Features:
- IP54 protected against fluid and dust
- Each gage includes appropriate setting ring for exceptional accuracy
- Resolution: 0.00005"/0.001mm
- Large easy-to-read LCD display
- Friction thimble
- Includes fitted case

Includes setting ring!

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-860-275-0</td>
<td>0.2 - 1.2&quot;</td>
<td>0.00020&quot;/0.005mm</td>
<td>$273.58</td>
<td>$170.00</td>
<td></td>
</tr>
<tr>
<td>54-860-276-0</td>
<td>1 - 2&quot;</td>
<td>0.00024&quot;/0.006mm</td>
<td>$295.46</td>
<td>$185.00</td>
<td></td>
</tr>
</tbody>
</table>

Inside Micrometers

Features:
- Measuring faces are fully hardened and precision ground
- Spindle threads are hardened and ground
- Microfine graduations 0.001" on a satin chrome finish permit easy reading
- Ratchet stop thimble assures exact and repetitive readings
- Includes a setting ring and fitted case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-275-001-1</td>
<td>0.2&quot; - 1.2&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>$128.92</td>
<td>$108.00</td>
</tr>
<tr>
<td>52-275-005-0</td>
<td>0.2&quot; - 2.2&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>$225.41</td>
<td>$180.00</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Micrometer Stands

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

Order No. Description List Price Sale Price
52-247-005-0 Folding Micrometer Stand $44.99 $32.80
52-247-010-0 Magnetic Micrometer Stand $79.59 $63.00

Micrometer Inspection Set

Fowler’s setting master is quick, easy to use 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:
- Stand height: 12.5"
- 9 pc. Grade AS-0 gage block set (sizes: 0.625", 0.100", 0.125", 0.200", 0.250", 0.300", 0.500", 1.000" & 2.000"
- Certificate of calibration is traceable to NIST standards & provides the individual deviation of each block
- Optical flat (flatness: .000004"; Parallelism: 0.00002")
- 4.0mm ball end T-handle hex wrench

Use blocks you already have, get the holder alone!

Order No. Description List Price Sale Price
53-813-001-2 Complete Checking Set $386.65 $330.00
53-813-002-0 Mic Checker without blocks $193.82 $165.00

Prices & Specifications are subject to change without notice.
Micrometers

21.2

Premium Depth Micrometers

Features:
- Clear microfine graduations on satin chrome finish
- Base constructed of hardened tool steel is precision ground and microlapped to 0.00008". All other surfaces are satin chrome finished.
- Quick and easy zero adjustment
- Rods hardened, ground and lapped on measuring surfaces and adjustable in either direction
- Interchangeable rods are fitted to the micrometer spindle against a positive stop and locked
- Ratchet thimble
- Threads hardened, ground and lapped for accuracy
- Includes spanner wrench and fitted case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>Base Size</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-225-005-1</td>
<td>0 - 3&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$182.82</td>
<td>$146.26</td>
</tr>
<tr>
<td>52-225-006-1</td>
<td>0 - 4&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$219.34</td>
<td>$176.47</td>
</tr>
<tr>
<td>52-225-011-1</td>
<td>0 - 4&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$223.36</td>
<td>$175.47</td>
</tr>
<tr>
<td>52-225-015-1</td>
<td>0 - 6&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>4&quot;</td>
<td>$249.92</td>
<td>$199.94</td>
</tr>
<tr>
<td>52-225-020-1</td>
<td>0 - 6&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$240.79</td>
<td>$192.63</td>
</tr>
<tr>
<td>52-225-035-1</td>
<td>0 - 12&quot;</td>
<td>0.001&quot;</td>
<td>0.00028&quot;</td>
<td>4&quot;</td>
<td>$389.95</td>
<td>$311.96</td>
</tr>
</tbody>
</table>

Depth Micrometers

Features:
- Satin chrome finish
- Base surface hardened and microlapped to 0.00008"
- Ratchet thimble
- Locking clamp
- Rod diameter: 0.176"
- Includes fitted case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Accuracy</th>
<th>Base Size</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-225-110-0</td>
<td>0 - 4&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$153.23</td>
<td>$135.00</td>
</tr>
<tr>
<td>52-225-112-0</td>
<td>0 - 6&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$180.95</td>
<td>$160.00</td>
</tr>
<tr>
<td>52-225-114-0</td>
<td>0 - 4&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>2.5&quot;</td>
<td>$165.55</td>
<td>$140.00</td>
</tr>
<tr>
<td>52-225-116-0</td>
<td>0 - 6&quot;</td>
<td>0.001&quot;</td>
<td>0.0002&quot;</td>
<td>4&quot;</td>
<td>$193.71</td>
<td>$165.00</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
**IP54 Electronic Depth Micrometer**

Features:
- IP54 protected against fluid and dust
- Range: 0 - 6’/150 mm
- Resolution: 0.00005”/0.001mm
- Base surface hardened and microlapped to 0.00008”
- Rod diameter: 0.176”
- Automatic switch off
- Large LCD display
- Includes fitted case

**Order No. 54-225-456-0**

**Sale $210.00**

List $257.40

**Digit Counter Depth Micrometers**

Features:
- Easy-to-read digit counter
- Microline 0.001” graduations
- Base surface hardened and microlapped to 0.00008”
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Rod diameter: 0.176”
- Includes wrench and fitted case

**Order No.**
- 52-225-176-0
  - Range: 0 - 6”
  - Graduation: 0.001”
  - Base: 2.5”
  - List Price: $225.24
  - Sale Price: $199.00

- 52-225-226-0
  - Range: 0 - 6”
  - Graduation: 0.001”
  - Base: 4”
  - List Price: $250.24
  - Sale Price: $208.00

Prices & Specifications are subject to change without notice.
Fowler Bowers BLUETOOTH

Fastest, most consistent hole measurement available worldwide!

Pistol grip design significantly decreases measuring time

Measure cylinder bores, high accuracy bearings, grooves, threads and much more!

Traditional style ratchet stop thimble

Both styles feature:
- IP67 protected against fluid and dust
- Resolution: 0.00005"/0.001mm
- Bluetooth connectivity to your phone or tablet
- Self centering 3 point heads above 0.250"
- Tungsten carbide measuring faces on all
- Sizes over 0.500"/12.5mm feature blind bore capability
- Includes UKAS certificates for all pistol grip, heads and rings

FREE TABLET! with Complete Set Purchase!

See it in ACTION!

Prices & Specifications are subject to change without notice.
## Bore Gaging Systems

### Special application heads operate with either style handle

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

### 2 and 3 Point Screw Threads
- 0.080" - 0.250" / 2 - 6mm (2-point heads)
- 5 heads, 1 handle, 3 rings
- List Price: $6,322.70
- Sale Price: $5,374.30

### Ball Screw Threads
- 0.250" - 0.750" / 6 - 20mm
- 5 heads, 1 handle, 3 rings
- List Price: $3,456.70
- Sale Price: $2,938.20

### 2 and 3 Point Grooves
- 0.750" - 2" / 20 - 50mm
- 5 heads, 1 handle, 3 rings
- List Price: $3,745.00
- Sale Price: $3,183.30

### Brake Caliper Measurement
- 0.250" - 0.375" / 6 - 10mm
- 2 heads, 1 handle, 1 ring
- List Price: $2,400.90
- Sale Price: $2,040.80

### Ball Race Measurement
- 0.375" - 0.750" / 10 - 20mm
- 3 heads, 1 handle, 2 rings
- List Price: $2,865.00
- Sale Price: $2,435.30

### Internal and External Spline
- 0.750" - 2" / 20 - 50mm
- 3 heads, 1 handle, 2 rings
- List Price: $3,890.80
- Sale Price: $3,307.20

### Holemike Sets (Traditional style)
- 0.080" - 0.250" / 2 - 6mm (2-point heads)
- 5 heads, 1 handle, 3 rings
- List Price: $5,762.20
- Sale Price: $4,897.90

### Connectivity Cables/Accessory
- Proximity cable with USB connection
- List Price: $198.87
- Sale Price: $135.00

### Prices & Specifications are subject to change without notice.
Fowler Bowers

**XT-Series Holemikes**

The Fowler Bowers range of mechanical two and three point bore micrometers are now available as XT extended travel holemikes, allowing a wide measurement range without the need to interchange anvils.

**Features:**
- 3-pt contact with tungsten carbide measuring anvils above 0.5"
- Blind bore measuring heads featured above 0.5"
- Ratchet stop for consistent measuring
- Extensions available for deep measuring
- Includes UKAS certificates for all holemikes and setting rings

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Grads.</th>
<th>Accurancy</th>
<th>Depth</th>
<th>Included</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-255-310-0</td>
<td>0.250&quot; - 0.312&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.312&quot;</td>
<td>$745.30</td>
<td>$596.24</td>
</tr>
<tr>
<td>52-255-311-0</td>
<td>0.312&quot; - 0.375&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.375&quot;</td>
<td>$690.10</td>
<td>$552.08</td>
</tr>
<tr>
<td>52-255-312-0</td>
<td>0.375&quot; - 0.4375&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.4375&quot;</td>
<td>$690.10</td>
<td>$552.08</td>
</tr>
<tr>
<td>52-255-313-0</td>
<td>0.4375&quot; - 0.500&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.500&quot;</td>
<td>$690.10</td>
<td>$552.08</td>
</tr>
<tr>
<td>52-255-314-0</td>
<td>0.500&quot; - 0.625&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.625&quot;</td>
<td>$690.10</td>
<td>$552.08</td>
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<tr>
<td>52-255-315-0</td>
<td>0.625&quot; - 0.750&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>0.750&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
</tr>
<tr>
<td>52-255-316-0</td>
<td>0.750&quot; - 1&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>1&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
</tr>
<tr>
<td>52-255-317-0</td>
<td>1&quot; - 1.375&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>1.375&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
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<tr>
<td>52-255-318-0</td>
<td>1.375&quot; - 2&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>2&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
</tr>
<tr>
<td>52-255-319-0</td>
<td>2&quot; - 2.625&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>2.625&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
</tr>
<tr>
<td>52-255-320-0</td>
<td>2.625&quot; - 3.250&quot;</td>
<td>0.000025&quot;</td>
<td>0.000015&quot;</td>
<td>2.28&quot;</td>
<td>3.250&quot;</td>
<td>$777.20</td>
<td>$621.76</td>
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</tbody>
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**Sets**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Grads.</th>
<th>Accurancy</th>
<th>Depth</th>
<th>Included</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-255-565-0</td>
<td>0.250&quot; - 0.375&quot;</td>
<td>2 heads, 2 handles, 1 ring</td>
<td>$1,654.90</td>
<td>$1,323.92</td>
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<td></td>
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</tr>
<tr>
<td>52-255-665-0</td>
<td>0.375&quot; - 0.750&quot;</td>
<td>3 heads, 3 handles, 2 rings</td>
<td>$1,884.50</td>
<td>$1,507.60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>52-255-775-0</td>
<td>0.750&quot; - 2&quot;</td>
<td>3 heads, 3 handles, 2 rings</td>
<td>$2,961.00</td>
<td>$2,368.80</td>
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<tr>
<td>52-255-885-0</td>
<td>2&quot; - 4&quot;</td>
<td>3 heads, 3 handles, 2 rings</td>
<td>$4,014.10</td>
<td>$3,211.28</td>
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<td></td>
</tr>
</tbody>
</table>

---

**Fowler Bowers MicroGage**

**2-Point Small Bore Gaging System**

Replaces 100’s of pin gages!

The Fowler Bowers MicroGage 2-point bore gaging system has been designed specifically for the measurement of small bores between 1.0 - 6.0 mm. The measuring heads are equipped with spherical, split-ball, hard-chromed contact points.

**Features:**
- System range: 0.040" - 0.250"/1 - 6mm
- Switchable resolution: 0.0005", 0.00005"/0.01, 0.001, 0.0005mm
- Repeatability: ±0.00005"/0.001mm
- Sets include setting rings
- UKAS-certificates as standard with all setting rings
- Depth stops available, call our technical department 1-800-788-2353

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-551-010-0</td>
<td>0.037&quot; - 0.096&quot;/0.95 - 2.45mm</td>
<td>$3,382.58</td>
<td>$3,128.00</td>
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<tr>
<td>54-551-011-0</td>
<td>0.060&quot; - 0.167&quot;/1.5 - 4.25mm</td>
<td>$3,310.52</td>
<td>$3,145.00</td>
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<tr>
<td>54-551-012-0</td>
<td>0.089&quot; - 0.250&quot;/2.25 - 6.35mm</td>
<td>$3,563.68</td>
<td>$3,385.00</td>
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</tbody>
</table>

**Connectivity Cables**

<table>
<thead>
<tr>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
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</thead>
<tbody>
<tr>
<td>Proximity cable with USB connection</td>
<td>$143.00</td>
<td>$135.00</td>
</tr>
<tr>
<td>Proximity cable with serial connection</td>
<td>$143.00</td>
<td>$135.00</td>
</tr>
</tbody>
</table>

---

**Prices & Specifications are subject to change without notice.**
**Internal & External Electronic Caliper Gages**

**Features:**
- Accuracy: ± 0.0008"/± 0.02mm
- Resolution: 0.0002"/0.005mm
- Preset capability
- Absolute/Incremental measurements
- High-impact, aircraft aluminum case
- Rugged housing

**Dimensions for Internal Calipers**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.200&quot; - 0.590&quot;</td>
<td>$213.18</td>
<td>$180.00</td>
</tr>
<tr>
<td>0.250&quot; - 0.600&quot;</td>
<td>$228.58</td>
<td>$195.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.790&quot; - 1.600&quot;</td>
<td>$228.58</td>
<td>$195.00</td>
</tr>
<tr>
<td>1.200&quot; - 2.000&quot;</td>
<td>$239.25</td>
<td>$205.00</td>
<td></td>
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</table>

**Dimensions for External Calipers**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
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</thead>
<tbody>
<tr>
<td>0.400&quot; - 0.800&quot;</td>
<td>$213.18</td>
<td>$180.00</td>
<td></td>
</tr>
<tr>
<td>0.800&quot; - 1.600&quot;</td>
<td>$228.58</td>
<td>$195.00</td>
<td></td>
</tr>
<tr>
<td>1.200&quot; - 2.000&quot;</td>
<td>$239.25</td>
<td>$205.00</td>
<td></td>
</tr>
</tbody>
</table>

**Order No.**

**List Price**

**Internal Caliper Gages**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-554-611-0</td>
<td>0.200&quot; - 0.590&quot;/ -15mm</td>
<td>$213.18</td>
<td>$180.00</td>
</tr>
<tr>
<td>54-554-622-0</td>
<td>0.250&quot; - 0.600&quot;/ -15mm</td>
<td>$228.58</td>
<td>$195.00</td>
</tr>
<tr>
<td>54-554-623-0</td>
<td>0.400&quot; - 1.20&quot;/ -10 - 30mm</td>
<td>$239.25</td>
<td>$205.00</td>
</tr>
<tr>
<td>54-554-624-0</td>
<td>0.790&quot; - 1.60&quot;/ -20 - 40mm</td>
<td>$239.25</td>
<td>$205.00</td>
</tr>
<tr>
<td>54-554-625-0</td>
<td>1.20&quot; - 2.00&quot;/ -30 - 50mm</td>
<td>$239.25</td>
<td>$205.00</td>
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</table>

**External Caliper Gages**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-554-711-0</td>
<td>0.400&quot; - 0.800&quot;/ -10mm</td>
<td>$213.18</td>
<td>$180.00</td>
</tr>
<tr>
<td>54-554-722-0</td>
<td>0.800&quot; - 1.60&quot;/ -20mm</td>
<td>$228.58</td>
<td>$195.00</td>
</tr>
<tr>
<td>54-554-723-0</td>
<td>1.20&quot; - 2.00&quot;/ -30 - 50mm</td>
<td>$239.25</td>
<td>$205.00</td>
</tr>
<tr>
<td>54-554-724-0</td>
<td>0.790&quot; - 1.60&quot;/ -20 - 40mm</td>
<td>$239.25</td>
<td>$205.00</td>
</tr>
<tr>
<td>54-554-725-0</td>
<td>1.20&quot; - 2.00&quot;/ -30 - 50mm</td>
<td>$239.25</td>
<td>$205.00</td>
</tr>
</tbody>
</table>

**Internal & External Electronic Caliper Gages**

**Features:**
- Accuracy: ± 0.0008"/± 0.02mm
- Resolution: 0.0002"/0.005mm
- Preset capability
- Absolute/Incremental measurements
- High-impact, aircraft aluminum case
- Rugged housing

**Order No.**

**List Price**

**XTRA-VALUE**

**Internal & External Electronic Caliper Gages**

**Features:**
- Accuracy: 0.01"/0.3mm/1/64ths
- Resolution: 0.001"/0.025mm/1/64ths
- Preset capability
- Absolute/Incremental measurements
- Large, LCD display
- Spring loaded with locking nut

**Order No.**

**List Price**

**Set**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Range</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-554-630-0</td>
<td>Outside Caliper Gage</td>
<td>0 - 6&quot; - 150mm</td>
<td>$58.19</td>
<td>$47.00</td>
</tr>
<tr>
<td>54-554-730-0</td>
<td>Inside Caliper Gage</td>
<td>0.5&quot; - 6&quot;/ 12.7 - 150mm</td>
<td>$58.19</td>
<td>$47.00</td>
</tr>
<tr>
<td>54-554-650-0</td>
<td>Inside/Outside Caliper Gage Set</td>
<td>includes 4&quot; internal setting master</td>
<td>$104.12</td>
<td>$84.00</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
### Dial Bore Gage Sets

**Features:**
- Carbide Anvils
- Easy-to-read
- Great value
- Graduation: 0.0005" or 0.01mm
- Insulated grip
- 9.5” depth
- Chrome plated handle
- Includes fitted case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-646-100-0</td>
<td>0.7” - 1.5”</td>
<td>0.0005”</td>
<td>$174.02</td>
<td>$142.40</td>
</tr>
<tr>
<td>52-646-300-0</td>
<td>2” - 6”</td>
<td>0.0005”</td>
<td>$143.88</td>
<td>$117.80</td>
</tr>
<tr>
<td>52-646-400-0</td>
<td>1.4” - 6”</td>
<td>0.0005”</td>
<td>$180.00</td>
<td>$179.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>52-646-500-0</td>
<td>1.4” - 6”</td>
<td>0.0001”</td>
<td>$283.90</td>
<td>$262.70</td>
</tr>
<tr>
<td>52-646-220-0</td>
<td>35 - 60mm</td>
<td>0.01mm</td>
<td>$249.03</td>
<td>$230.40</td>
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</tbody>
</table>

**Features:**
- Carbide Anvils
- 10” measuring depth
- Easy-to-read
- Great value
- Graduation: 0.0005”
- Insulated grip
- Chrome plated handle
- Includes 2 contact extensions

<table>
<thead>
<tr>
<th>Order No. 52-646-600-0</th>
<th>4” to 12” Dial Bore Gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sale $240.00</td>
<td>List $267.18</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
2" to 6" Right Angle Dial Bore Gage

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

Features:
• Carbide anvils
• Easy-to-read
• Great value
• Graduation: 0.0005"
• Insulated grip

Order No. 52-646-250-0

Sale $299.00 List $333.74

Bore Gage Setting Master Kits - Inch & Metric

Fowler's Bore Gage Setting Master Kit is used for accurately setting any bore gage up to 6"/150mm in diameter to an accuracy of 0.0001"/0.003mm

Each Set includes:
Setting Device
• Base anvil: 3.950" x 1.050"
• Adjustable anvil 2.375" x .375" (two each)
• Internal capacity: 6"/150mm
• Centralizer capacity width: 2.750"
• Quick-release holder for fast adjustment

Economy Gage Block Sets
Inch model:
• 36 piece
• Tolerances to .00005"
• Certificate of Calibration to NIST

Metric model:
• 33 piece
• AS-2 grade
• Certificate of Calibration to NIST

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

Order No. Description List Price Sale Price
53-646-000-1 Inch Bore Gage Setting Master Kit $411.69 $315.00
53-646-010-0 Metric Bore Gage Setting Master Kit $365.53 $292.42
53-646-005-0 Bore Gage Setting Master Kit - without Gage Blocks $254.47 $180.00

Prices & Specifications are subject to change without notice.
## Electronic Calipers with Smart Wireless Communication

**Features:**
- HID Interface allows connection to most smart phones and tablets
- Wireless connectivity for quick error free data collection
- IP67 protected against fluid and dust
- Includes an extra battery tray and a 1" setting standard
- Supplied with NIST certification
- Heavy duty frame with 4-way measuring, inside, outside, depth and step
- Super large display
- Includes fitted case

### Order No. Range  Accuracy  List Price  Sale Price
<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-554-BT</td>
<td>0 - 4'/100mm</td>
<td>±0.001'/0.02mm</td>
<td>$237.59</td>
<td>$145.50</td>
</tr>
<tr>
<td>54-100-556-BT</td>
<td>0 - 6'/150mm</td>
<td>±0.001'/0.02mm</td>
<td>$205.59</td>
<td>$149.60</td>
</tr>
<tr>
<td>54-100-558-BT</td>
<td>0 - 8'/200mm</td>
<td>±0.0015'/0.04mm</td>
<td>$250.03</td>
<td>$195.00</td>
</tr>
<tr>
<td>54-100-512-BT</td>
<td>0 - 12'/300mm</td>
<td>±0.0015'/0.04mm</td>
<td>$266.64</td>
<td>$215.00</td>
</tr>
</tbody>
</table>

**EURO-CAL IV® Electronic Calipers**

**Features:**
- IP54 protected against fluid and dust
- Absolute/Incremental Measurement
- Resolution: 0.0005"/0.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring, inside, outside, depth and step
- Includes fitted case

### Order No. Range  Accuracy  List Price  Sale Price
<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-330-1</td>
<td>6&quot;/150mm</td>
<td>±0.001'/0.02mm</td>
<td>$146.96</td>
<td>$120.00</td>
</tr>
<tr>
<td>54-100-331-0</td>
<td>8&quot;/200mm</td>
<td>±0.001'/0.02mm</td>
<td>$173.91</td>
<td>$126.50</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Water Resistant IP54 Electronic Calipers

**Absolute Reading!**

Features:
- IP54 protected against fluid and dust
- Absolute/Incremental Measurement
- Resolution: 0.0005"/0.01mm
- 4-way measuring, inside, outside, depth and step
- Stainless steel frame
- Wireless SPC data option
- Includes fitted case

### Water Resistant IP54 Electronic Calipers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-777-2</td>
<td>0 - 6&quot;/150mm</td>
<td>0.0015&quot;/0.04mm</td>
<td>$161.70</td>
<td>$132.30</td>
</tr>
<tr>
<td>54-100-712-2</td>
<td>0 - 12&quot;/300mm</td>
<td>0.0015&quot;/0.04mm</td>
<td>$235.18</td>
<td>$171.10</td>
</tr>
<tr>
<td>Accessory</td>
<td>Wireless Transmitter</td>
<td>$123.09</td>
<td>$100.00</td>
<td></td>
</tr>
<tr>
<td>54-115-100-0</td>
<td>SPC cable (USB)</td>
<td>$211.98</td>
<td>$137.60</td>
<td></td>
</tr>
</tbody>
</table>

Digital Calipers

**Absolute Reading!**

Features:
- Resolution: 0.0005"/0.01mm
- Absolute/Incremental Measurement
- Stainless steel frame
- Direct Inch/Metric conversion
- 4-way measuring, inside, outside, depth and step
- Wireless SPC data option
- Includes fitted case

### Digital Calipers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-004-2</td>
<td>0 - 4&quot;/100mm</td>
<td>0.0015&quot;/0.04mm</td>
<td>$127.35</td>
<td>$110.00</td>
</tr>
<tr>
<td>54-100-000-2</td>
<td>0 - 6&quot;/150mm</td>
<td>0.0015&quot;/0.02mm</td>
<td>$191.40</td>
<td>$141.40</td>
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<tr>
<td>54-100-008-2</td>
<td>0 - 8&quot;/200mm</td>
<td>0.0015&quot;/0.04mm</td>
<td>$169.07</td>
<td>$138.40</td>
</tr>
<tr>
<td>54-100-112-2</td>
<td>0 - 12&quot;/300mm</td>
<td>0.0015&quot;/0.04mm</td>
<td>$220.44</td>
<td>$180.40</td>
</tr>
<tr>
<td>Accessory</td>
<td>Wireless Transmitter</td>
<td>$123.09</td>
<td>$100.00</td>
<td></td>
</tr>
<tr>
<td>54-115-100-0</td>
<td>SPC cable (USB)</td>
<td>$211.98</td>
<td>$137.60</td>
<td></td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
### Features:
- **Accuracy:** 0.001”/0.02mm (6” models)
- Stainless steel frame
- Large easy-to-read display
- Resolution: 0.0005”/0.01mm
- Absolute/Incremental Measurement
- 4-way measuring, inside, outside, depth and step
- Includes fitted case

### Order No. 54-103-006-0

**Sale $80.00**  
List $88.00

### Features:
- **Range:** 6”/150mm
- **Accuracy:** ± 0.001”/0.02mm
- **Resolution:** 0.0005”/0.01mm
- **Heavy Duty frame for extra rigidity and wear resistance**
- **Super large, easy to read 14 x 52mm display**
- **Combined thumbrest and thumbroll for fine adjustment**

### Order No. 54-100-888-0

While supplies last!

“Great price, good quality, prompt processing”  
Terri F.

### Order No. Range Display Type List Price Sale Price
---
54-100-888-0 6”/150mm Regular Display - Special Tool-A-Thon 21.2 pricing $29.99
54-101-800-1 8”/200mm Super Large Display with hold feature $110.22 $90.20
54-101-300-1 12”/300mm Regular Display - includes FREE NIST Cert. $112.64 $92.20
54-101-900-1 12”/300mm Super Large Display with hold feature $147.18 $120.50

Prices & Specifications are subject to change without notice.
**Premium Dial Caliper**

Features:
- 4-way measuring, inside, outside, depth and step
- Solid stainless steel construction
- Silky smooth movement throughout
- 0 - 6" range, 0.100" per revolution, 0.001" graduations
- Thumbroll for rapid setting
- Knurled lock assures precise settings

Order No. 52-008-006-2

Sale $127.00 List $168.52

**Machinist Grade Dial Calipers**

Features:
- 4-way measuring, inside, outside, depth and step
- Solid stainless steel construction
- 0.100"/2mm range per revolution
- 0.001"/0.02mm reading dial face
- Tough shockproof gearing

Order No. 52-008-707-0

52-008-707-0

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

Erick T.

**0 - 6" Dial Calipers**

Features:
- 4-way measuring, inside, outside, depth and step
- Covered rack
- Accuracy ± 0.001"
- 0.100" per revolution
- Dial graduation: 0.001"
- Hardened stainless steel rack
- Includes fitted case

Order No. Range Dial Color Accuracy List Price Sale Price
52-008-005-0 0 - 6" Black ± 0.001" $103.73 $78.90
52-008-007-0 0 - 6" White ± 0.001" $103.73 $78.90

Prices & Specifications are subject to change without notice.
Electronic Calipers

Features:
- IP54 protected against fluid and dust
- Resolution: 0.0005"/0.01mm
- Hold feature
- Absolute/Incremental measurement
- Preset mode includes offset size for ID measurements
- All sizes feature fine adjustment screw
- Includes shop hardened case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Jaw Depth</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-100-312-0</td>
<td>12&quot;/300mm</td>
<td>± 0.002&quot;</td>
<td>3.5&quot;</td>
<td>$229.55</td>
<td>$240.10</td>
</tr>
<tr>
<td>54-100-024-1</td>
<td>24&quot;/600mm</td>
<td>± 0.003&quot;</td>
<td>4&quot;</td>
<td>$353.20</td>
<td>$353.20</td>
</tr>
<tr>
<td>54-100-042-1</td>
<td>40&quot;/1000mm</td>
<td>± 0.004&quot;</td>
<td>4.9&quot;</td>
<td>$1,279.29</td>
<td>$1,100.00</td>
</tr>
</tbody>
</table>

Extended Range Dial Calipers

Features:
- Graduations: 0.001"
- Stainless steel construction
- Satin chrome finish
- Full length depth rod
- 0.50" internal measuring nibs on jaws

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Jaw Depth</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-008-018-0</td>
<td>18&quot;</td>
<td>± 0.003&quot;</td>
<td>3.125&quot;</td>
<td>$300.40</td>
<td>$277.80</td>
</tr>
<tr>
<td>52-008-024-0</td>
<td>24&quot;</td>
<td>± 0.003&quot;</td>
<td>3.375&quot;</td>
<td>$364.02</td>
<td>$336.80</td>
</tr>
</tbody>
</table>

Heavy Duty Dial Calipers with Cross Jaws

Features:
- Graduations: 0.001"
- Large 0.100" one-rev dial
- Full length depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish
- 0.40" internal measuring nibs on bottom jaws

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Accuracy</th>
<th>Jaw Depth</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-025-108-0</td>
<td>0 - 8&quot;</td>
<td>± 0.0015&quot;</td>
<td>2.5&quot;</td>
<td>$173.51</td>
<td>$160.50</td>
</tr>
<tr>
<td>52-025-112-0</td>
<td>0 - 12&quot;</td>
<td>± 0.002&quot;</td>
<td>2.875&quot;</td>
<td>$240.53</td>
<td>$222.50</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
**Horizonal Indicators**

**NOW available with High Contrast Dial Face!**

Features:
- Solid brass anti-magnetic housing
- Super smooth jeweled movement
- Smooth bezel adjustment for easy zero setting
- 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- 0.060" range with auto reverse and rev. counter
- Easy to read tilted dial
- 5/32" pivotable stem

**Includes NIST Certificate of Calibration**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Graduation</th>
<th>Dial Size</th>
<th>Dial Reading</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-001-BD</td>
<td>0.0005&quot;</td>
<td>1-1/2&quot;</td>
<td>0 - 15 - 0</td>
<td>Compare to Brown &amp; Sharpe</td>
<td>$120.40</td>
</tr>
<tr>
<td>52-562-002-BD</td>
<td>0.0005&quot;</td>
<td>1&quot;</td>
<td>0 - 15 - 0</td>
<td>74.111370 @ $236.00</td>
<td>$120.40</td>
</tr>
</tbody>
</table>

**Features:**
- Solid brass anti-magnetic housing
- Super smooth jeweled movement
- Smooth bezel adjustment for easy zero setting
- 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- 0.060" range with auto reverse and rev. counter
- Easy to read tilted dial
- 5/32" pivotable stem

**Includes NIST Certificate of Calibration**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Graduations</th>
<th>Dial Diameter</th>
<th>Dial Reading</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-001-0</td>
<td>0.0005&quot;</td>
<td>1-1/2&quot;</td>
<td>0-15-0</td>
<td>Compare to Brown &amp; Sharpe</td>
<td>$120.40</td>
</tr>
<tr>
<td>52-562-002-0</td>
<td>0.0005&quot;</td>
<td>1&quot;</td>
<td>0-15-0</td>
<td>74.111370 @ $236.00</td>
<td>$120.40</td>
</tr>
<tr>
<td>52-562-003-0</td>
<td>0.001&quot;</td>
<td>1&quot;</td>
<td>0-15-0</td>
<td>74.111370 @ $236.00</td>
<td>$120.40</td>
</tr>
<tr>
<td>52-562-007-0</td>
<td>0.01mm</td>
<td>25mm</td>
<td>0-40-0</td>
<td>$147.40</td>
<td>$131.80</td>
</tr>
<tr>
<td>52-562-008-0</td>
<td>0.01mm</td>
<td>38mm</td>
<td>0-40-0</td>
<td>$147.40</td>
<td>$120.40</td>
</tr>
</tbody>
</table>

**TWICE the range of most indicators!**

Features:
- Solid brass anti-magnetic housing
- Smooth bezel adjustment for easy zero setting
- 0.080" and 0.120" carbide ball contact points (0.040" steel ball)
- 0.060" range with auto reverse and rev. counter
- 5/32" pivotable stem

**Includes NIST Certificate of Calibration**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Graduations</th>
<th>Dial Diameter</th>
<th>Dial Reading</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-004-0</td>
<td>0.0005&quot;</td>
<td>1-1/2&quot;</td>
<td>0-15-0</td>
<td>$161.04</td>
<td>$131.80</td>
</tr>
<tr>
<td>52-562-005-0</td>
<td>0.0005&quot;</td>
<td>1&quot;</td>
<td>0-15-0</td>
<td>$161.04</td>
<td>$131.80</td>
</tr>
<tr>
<td>52-562-006-0</td>
<td>0.001&quot;</td>
<td>1&quot;</td>
<td>0-15-0</td>
<td>$161.04</td>
<td>$131.80</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
**Any Indicator on this page $120.00**

**Test Indicators**

All Fowler Test Indicators include bi-directional constant clockwise rotation, automatic reversal, three dovetail mountings, jeweled movement, two dovetail clamps and a molded case.

### 0.001" 0.0005" Reading

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Color</th>
<th>Total Range</th>
<th>Dial Reading</th>
<th>Graduation</th>
<th>Diameter</th>
<th>Point Length</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-774-0</td>
<td>white</td>
<td>0.003&quot;</td>
<td>0-15-0</td>
<td>0.0005&quot;</td>
<td>1&quot;</td>
<td>1/2&quot;</td>
<td>$138.27</td>
</tr>
<tr>
<td>52-562-776-0</td>
<td>black</td>
<td>0.003&quot;</td>
<td>0-15-0</td>
<td>0.0005&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>$153.67</td>
</tr>
<tr>
<td>52-562-780-0</td>
<td>black</td>
<td>0.003&quot;</td>
<td>0-15-0</td>
<td>0.0005&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>$153.67</td>
</tr>
</tbody>
</table>

### 0.0001" Reading

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Color</th>
<th>Total Range</th>
<th>Dial Reading</th>
<th>Graduation</th>
<th>Diameter</th>
<th>Point Length</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-563-772-0</td>
<td>black</td>
<td>0.008&quot;</td>
<td>0-4-0</td>
<td>0.0001&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>$146.96</td>
</tr>
<tr>
<td>52-563-777-0</td>
<td>white</td>
<td>0.008&quot;</td>
<td>0-4-0</td>
<td>0.0001&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>$146.96</td>
</tr>
</tbody>
</table>

### Extra Long Contact

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Color</th>
<th>Total Range</th>
<th>Dial Reading</th>
<th>Graduation</th>
<th>Diameter</th>
<th>Point Length</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-562-782-0</td>
<td>black</td>
<td>0.020&quot;</td>
<td>0-10-0</td>
<td>0.0005&quot;</td>
<td>1&quot;</td>
<td>1-7/16&quot;</td>
<td>$151.36</td>
</tr>
<tr>
<td>52-562-783-0</td>
<td>white</td>
<td>0.020&quot;</td>
<td>0-10-0</td>
<td>0.0005&quot;</td>
<td>1-7/16&quot;</td>
<td>$151.36</td>
<td></td>
</tr>
<tr>
<td>52-562-784-0</td>
<td>black</td>
<td>0.020&quot;</td>
<td>0-10-0</td>
<td>0.0005&quot;</td>
<td>1-7/16&quot;</td>
<td>$151.36</td>
<td></td>
</tr>
</tbody>
</table>

Extra Points

- $0.40" .120"

---

Prices & Specifications are subject to change without notice.
Electronic Indicators

Features:
- Accuracy: ± 0.001"/0.03mm
- Resolution 0.0005"/0.01mm
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Tolerance function
- Absolute/incremental reading
- Floating zero

Electronic Indicators

Order No.  Range List Price Sale Price
54-520-255-0 0.50"/12.5mm Compare to Mitutoyo 543-783 @ $170.00 $91.70
54-520-250-0 1"/25mm $123.31 $105.00
54-520-260-0 1"/25mm/64ths $125.18 $102.50

Small Face Electronic Indicator

Features:
- Range: 0 - 0.50"/0 - 12.5mm
- Accuracy: ± 0.0005"/0.01mm
- Resolution: 0.00005"/0.001mm
- Carbide tip
- Tolerance function
- Contains extra long stemmed
- Includes NIST certification and fitted case

Order No. 54-520-275-0

Sale $101.73
List $127.16

IP65 HIGH Resolution Electronic Indicator

Features:
- IP65 protected against fluid and dust making it great for shop environments
- Range: 1"/25mm
- Accuracy: ± 0.0002"/0.005mm
- Resolution: 0.00005"/0.001mm
- Carbide tip
- Tolerance function
- Contains flat and center lug backs
- Includes NIST certification and fitted case

Order No. 54-520-270-0

Sale $135.08
List $168.85

Prices & Specifications are subject to change without notice.
**Premium Dial Indicators**

Features:
- AGD group 2
- Jeweled movement
- Tolerance markers
- Solid steel housing
- Carbide contact point

Includes NIST Certificate of Calibration

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Reading</th>
<th>Balanced Reading</th>
<th>Dial Color</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-520-110-1</td>
<td>1&quot;</td>
<td>0.001&quot;</td>
<td>0 - 100</td>
<td>—</td>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>52-520-110-2</td>
<td>1&quot;</td>
<td>0.001&quot;</td>
<td>0 - 100</td>
<td>—</td>
<td>White</td>
<td>Compare to Mitutoyo $82.63 29045 @ $128.00</td>
<td></td>
</tr>
<tr>
<td>52-520-135-0</td>
<td>0.05&quot;</td>
<td>0.0001&quot;</td>
<td>0 - 10</td>
<td>0 - 5</td>
<td>White</td>
<td>$184.51 $147.00</td>
<td></td>
</tr>
<tr>
<td>52-520-105-0</td>
<td>0.50&quot;</td>
<td>0.0001&quot;</td>
<td>0 - 100</td>
<td>0 - 50</td>
<td>White</td>
<td>$97.68 $78.14</td>
<td></td>
</tr>
<tr>
<td>52-520-115-0</td>
<td>1&quot;</td>
<td>0.001&quot;</td>
<td>—</td>
<td>0 - 50</td>
<td>White</td>
<td>$112.30 $89.84</td>
<td></td>
</tr>
<tr>
<td>52-520-120-0</td>
<td>2&quot;</td>
<td>0.001&quot;</td>
<td>0 - 100</td>
<td>0 - 50</td>
<td>White</td>
<td>$164.66 $140.00</td>
<td></td>
</tr>
<tr>
<td>52-520-125-0</td>
<td>0.250&quot;</td>
<td>0.0005&quot;</td>
<td>0 - 50</td>
<td>0 - 25</td>
<td>White</td>
<td>$136.29 $109.03</td>
<td></td>
</tr>
<tr>
<td>52-520-300-0</td>
<td>10mm</td>
<td>0.01mm</td>
<td>0 - 100</td>
<td>0 - 50</td>
<td>White</td>
<td>$117.92 $94.34</td>
<td></td>
</tr>
<tr>
<td>52-520-500-0</td>
<td>25mm</td>
<td>0.01mm</td>
<td>0 - 100</td>
<td>0 - 50</td>
<td>White</td>
<td>$157.19 $125.75</td>
<td></td>
</tr>
</tbody>
</table>

*Great price for a great indicator* V.C

**2 year Warranty**

**X-Proof** IP54 Shockproof Dial Indicators

Features:
- IP54 protected against fluid and dust
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate
- Shockproof design
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Range</th>
<th>Graduation</th>
<th>Reading</th>
<th>Contact Point</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-520-450-0</td>
<td>1&quot;</td>
<td>0.001&quot;</td>
<td>0 - 100</td>
<td>4 - 48 (3/8&quot; stem)</td>
<td>$89.59 $85.20</td>
<td></td>
</tr>
<tr>
<td>52-520-455-0</td>
<td>1&quot;</td>
<td>0.001&quot;</td>
<td>0 - 100</td>
<td>4 - 48 (3/8&quot; stem)</td>
<td>$96.85 $92.10</td>
<td></td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Dial Indicator

Features:
• Range: 1", dial dia. 2-1/4"
• AGD group 2
• Graduations: 0.001"
• Continuous reading: 0 - 100
• Supplied with lug backs positioned through 90° increments
• Carbide tipped contact points
• Microfine graduations in black for continuous readings and red for balanced readings

Order No. 52-520-110-0

Sale $78.60
List $82.67

Indicator Extensions

Features:
• 0.0140" - 0.040" chucking capacity
• Can be used with small pin gages for special or restricted applications
• Available in both 4 - 48 and M2.5 threads

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Inch</td>
<td></td>
</tr>
<tr>
<td>52-526-001-0</td>
<td>1&quot;, 4 - 48 thread</td>
<td>$5.26</td>
<td>$5.00</td>
</tr>
<tr>
<td>52-526-002-0</td>
<td>1-1/2&quot;, 4 - 48 thread</td>
<td>$5.26</td>
<td>$5.00</td>
</tr>
<tr>
<td>52-526-003-0</td>
<td>2&quot;, 4 - 48 thread</td>
<td>$6.70</td>
<td>$6.40</td>
</tr>
<tr>
<td>52-526-004-0</td>
<td>2-1/2&quot;, 4 - 48 thread</td>
<td>$6.70</td>
<td>$6.40</td>
</tr>
<tr>
<td>52-526-005-0</td>
<td>3&quot;, 4 - 48 thread</td>
<td>$6.70</td>
<td>$6.40</td>
</tr>
<tr>
<td>52-526-006-0</td>
<td>4&quot;, 4 - 48 thread</td>
<td>$9.18</td>
<td>$8.00</td>
</tr>
<tr>
<td>52-526-007-0</td>
<td>6&quot;, 4 - 48 thread</td>
<td>$10.62</td>
<td>$10.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metric</td>
<td></td>
</tr>
<tr>
<td>52-526-011-0</td>
<td>1&quot;, M2.5 thread</td>
<td>$7.85</td>
<td>$7.00</td>
</tr>
<tr>
<td>52-526-012-0</td>
<td>1-1/2&quot;, M2.5 thread</td>
<td>$8.41</td>
<td>$8.00</td>
</tr>
<tr>
<td>52-526-013-0</td>
<td>2&quot;, M2.5 thread</td>
<td>$8.41</td>
<td>$8.00</td>
</tr>
<tr>
<td>52-526-014-0</td>
<td>2-1/2&quot;, M2.5 thread</td>
<td>$8.41</td>
<td>$8.00</td>
</tr>
<tr>
<td>52-526-015-0</td>
<td>3&quot;, M2.5 thread</td>
<td>$8.41</td>
<td>$8.00</td>
</tr>
<tr>
<td>52-526-016-0</td>
<td>4&quot;, M2.5 thread</td>
<td>$9.99</td>
<td>$9.50</td>
</tr>
<tr>
<td>52-526-017-0</td>
<td>6&quot;, M2.5 thread</td>
<td>$12.84</td>
<td>$12.20</td>
</tr>
</tbody>
</table>

Indicator Chucks

Features:
• Low carbon steel, black oxide finished
• 0.0140" - 0.040" chucking capacity
• Can be used with small pin gages for special or restricted applications
• Available in both 4 - 48 and M2.5 threads

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-526-020-0</td>
<td>Indicator Chuck with 4 - 48 thread</td>
<td>$24.95</td>
<td>$23.80</td>
</tr>
<tr>
<td>52-526-021-0</td>
<td>Indicator Chuck with M2.5 thread</td>
<td>$24.95</td>
<td>$23.80</td>
</tr>
</tbody>
</table>
Roto Dial Indicator Holder

**Features:**
- Made in the USA
- Rotates a full 360°
- Infinite adjustments
- Use with a mag base or alone in your machine
- 1", 0.001 graduation indicator
- Fine adjust magnetic base with 85 lb. pull (optional)
- Made from anodized 6061 billet aluminum

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-585-400-0</td>
<td>Roto Dial ONLY</td>
<td>$178.00</td>
<td>$169.10</td>
</tr>
<tr>
<td>52-585-411-0</td>
<td>Roto Dial with Premium Indicator</td>
<td>$215.00</td>
<td>$204.25</td>
</tr>
<tr>
<td>52-585-415-0</td>
<td>Roto Dial with Premium Indicator and Fine Adjust Mag Base</td>
<td>$295.00</td>
<td>$280.25</td>
</tr>
</tbody>
</table>

Depth Base Attachments

**Features:**
- Turn your dial or electronic indicator into a depth gage
- 4" length for accuracy
- Fits indicators with 3/8" and 8mm mounting stems ground and lapped base
- Each supplied with 4 extension points, for added application range (4 - 48 thread)
- 52-125-005-0 has 0.430" radius

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-125-004-0</td>
<td>Flat depth base attachment</td>
<td>$45.43</td>
<td>$37.20</td>
</tr>
<tr>
<td>52-125-005-0</td>
<td>Radius style depth base attachment</td>
<td>$45.43</td>
<td>$37.20</td>
</tr>
</tbody>
</table>
Height Transfer and Squareness Gage

A perfect match for QuadraTest® Indicators!

Order No. 53-620-010-0
Sale $200.00 List $374.88

Features:
• Used for a variety of surface plate applications
• Swivel clamp anchors swivel and indicator for added accuracy
• Rear surface of the gage has a reference surface to place against a master for checking squareness
• Includes a 7.5" post, indicator rod and clamp

Indicator and standard shown not included

High Precision Dial Gage Stand

Order No. 52-580-014-0
Sale $186.90 List $196.70

Features:
• Quick positioning and adjustment
• Total height of column 14" and 8mm
• Includes 2-3/8" diameter anvils, flat and serrated

Flex Arm Magnetic Base

Order No. 52-585-015-0
Sale $72.95 List $91.19

Features:
• All purpose magnetic base with 180 lbs. of pulling power
• Base can be mounted vertically as well as horizontally
• V-bottom base allows mounting on cylindrical surfaces
• Adjusts to virtually any position

Prices & Specifications are subject to change without notice.
Height Gages

Electronic Height Gage

**NEW**

Measures ID/OD, centerlines, heights, widths, depths, min/max/delta, slots, grooves and more!

**PERFECT for the Work Shop!**

Features:
- Easy-to-use
- Range: 16"/407mm
- Repeatability: 0.00012"/0.003mm
- Resolution: 0.00005"/0.001mm
- Single probe holder
- Fixed measuring force 7.5N
- High contrast display
- Includes standard 4mm Ø ruby tipped probe, setting gage, AC adapter
- Accessory probes available

**FREE Right Angle Depth Probe!**

Order No. 54-190-002-0

**Sale $3,999.00**  
List $4,150.00

Prices & Specifications are subject to change without notice.
Twin Beam Electronic Height Gages with Offset Scribe

Features:
- Carriage design with offset scriber holder
- Base is ground and lapped for flatness
- Handwheel provides course and fine movement
- Updated electronic and mechanical design offers better accuracy and movement of carriage
- Carbide tipped scriber
- Functions include preset, in/mm conversion and ABS/INC for direct or comparative measuring

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>± 0.0016&quot;/0.04mm</td>
</tr>
<tr>
<td>24&quot;</td>
<td>± 0.002&quot;/0.05mm</td>
</tr>
</tbody>
</table>

Order No. 54-174-224-3

Order No. | Range | List Price | Sale Price |
----------|-------|------------|------------|
54-174-212-3 | 12"/300mm | $549.12 | $439.30 |
54-174-224-3 | 24"/600mm | $768.68 | $629.00 |
Accessory   |        | $31.50     | $27.50     |

Twin Beam Dial Height Gages

- Separate digit counters register both upward & downward travel
- Zero setting can be obtained throughout the gage’s range
- Coarse readings in 0.100" graduations; fine readings taken on indicator are 0.001"
- Dual chrome plated beams
- Carbide-tipped scriber
- Base is hardened, ground & lapped for maximum flatness

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>± 0.0015&quot;</td>
</tr>
<tr>
<td>24&quot;</td>
<td>± 0.002&quot;</td>
</tr>
</tbody>
</table>

Order No. 52-174-212-0

Order No. | Range | List Price | Sale Price |
----------|-------|------------|------------|
52-174-212-0 | 12" | $329.45 | $269.60 |
52-174-224-0 | 24" Compare to Mitutoyo | $449.30 |

Electronic Height Gage

Features:
- NEW smaller sized, lightweight, aluminum base with embedded magnets allows positioning on machine tools, small fixtures, lathe beds where vibration can be an issue. Even mount it horizontally for unique applications.
- Range: 0 - 6"/0 - 150mm
- Accuracy: 0.001"/0.01mm
- Resolution: 0.0005"/0.01mm
- Large, high contrast LCD display
- Direct Inch/Metric conversion
- ABS/INC measurement
- Floating zero
- Hold feature
- Positive carriage lock and fine adjust
- Carbide tipped scriber for measuring and scribing

Order No. 54-176-006-0

Sale $199.00

List $216.70

Prices & Specifications are subject to change without notice.
### Digi Level PLUS+

**Features:**
- IP65 protected against fluid and dust
- Large auto inverting display
- **Includes a 6" straight edge with beveled edge and 1/32nds graduations**
- Smart wireless available to connect to phone or tablet
- V’s on top and bottom for measuring on cylindrical surfaces
- Embedded magnets on bottom base for vertical and horizontal hold
- Accuracy: ± 0.2°
- Resolution: 0.050°
- Rechargeable battery
- USB charging cable supplied

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-422-550-0</td>
<td>Digi-Level PLUS</td>
<td>$139.48</td>
<td>$120.00</td>
</tr>
<tr>
<td>54-422-550-BT</td>
<td>Digi-Level PLUS with smart wireless</td>
<td>$157.63</td>
<td>$145.00</td>
</tr>
</tbody>
</table>

---

### mini-MAG II Protractor

The mini-MAG II Protractor provides instant 360° digital inclination display of any angle.

**Features:**
- On/off, tilt %, light, zero functions
- Display is backlit for low light areas
- Embedded magnets with 3.5lb. pull
- Display automatically inverts
- Measuring range: 360° (4 x 90°)
- Accuracy: ± 0.2°
- Resolution: 0.05°
- Dimensions: 2.375” x 1.375” x 2.375”
- Hold feature

**Order No.** 54-422-460-0

**Sale $100.00**

List $123.53

---

### mini-MAG PLUS

The Mini-Mag PLUS Protractor features a USB rechargeable battery, a backlit display, Tilt% function.

**Features:**
- IP54 protected against fluid and dust
- Auto off after 5 minutes
- Embedded magnets
- Display automatically inverts
- Smaller size: 2.12” x 2.12” x .9”
- Measuring range: 360° (4 x 90)
- Accuracy: ± 0.2°
- Resolution: 0.05°
- Hold feature
- Zero function

**Order No.** 54-422-500-0

**Sale $106.00**

List $129.91

---

### Combination Squares

**Features:**
- Blades are chrome plated, fully hardened and tempered
- 4 piece includes: square, protractor and center heads with 12" blade
- 2 piece includes: square head and 12" blade
- Square head has level and scriber point
- Double indexed protractor is graduated 180° in both directions
- Graduated in 8ths, 16ths, 32nds and 64ths

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-370-012-0</td>
<td>4 piece combination square</td>
<td>$236.50</td>
<td>$189.20</td>
</tr>
<tr>
<td>52-373-012-0</td>
<td>2 piece combination square</td>
<td>$152.21</td>
<td>$121.77</td>
</tr>
</tbody>
</table>

---

**Prices & Specifications are subject to change without notice.**
QUICK CHECK
Multi-Function Check Standard

Check
✓ Height Gages
✓ Micrometers
✓ Depth Gages
✓ Bore Gages
✓ Test & Dial Indicators
✓ Caliper Gages
✓ Protractors & more ....

Features:
• All sizes marked are actual
• Accuracy of indicated values ± 0.00012"
• One compact, multi-function, precise standard
• Can be used to check and verify a multitude of measuring instruments
• Supplied with a manufacturer's test certificate and fitted wood case

Order No. 53-813-015-0
Sale $1,550.00 List $1,877.01

SHOP-BLOX®
Rectangular Gage Block Sets

*Perfect for small shops. A really great bang for the buck*
M.L.L

Features:
• Manufactured to meet Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
• Certificate of Calibration traceable to NIST
• Tolerances to ± 0.00005"
• In high-quality fitted wood case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>53-672-036-0</td>
<td>36 piece Rectangular Gage Block Set</td>
<td>$368.44</td>
<td>$310.00</td>
</tr>
<tr>
<td>53-672-081-0</td>
<td>81 piece Rectangular Gage Block Set</td>
<td>$630.18</td>
<td>$535.00</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
### SPACE X-BLOX PLUS+ Sets

Pre-sized, solid aluminum. Common sizes used for setting heights, drill press depth stops and fences.

Available in two combination sets!

**Features:**
- Accuracy: 0.001” on all sides
- All blocks are 3” long by 1/2” high
- 1-2-3 blocks feature 1/32” graduations on 2” and 3” sides
- Blue anodized finish
- Includes fitted case

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Accuracy</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-439-050-0</td>
<td>Block sizes in matched pairs: 1-2-3 blocks, 3/4&quot;, 1/2&quot;, 1/4&quot;, 3/16&quot;, 1/8&quot;, 1/16&quot;</td>
<td>± 0.001”</td>
<td>$195.00</td>
<td>$180.00</td>
</tr>
</tbody>
</table>

### XTRA-TRI PLUS+ Square Set

Perfect for set up and layout work, measuring and marking angles. Used for metal working, wood working and fabrication.

**Features:**
- 4” and 7” squares with embedded magnets for horizontal and vertical position holding
- Carbide tipped scribe

<table>
<thead>
<tr>
<th>Order No. 52-432-100-0</th>
<th>6” Straight Edge PLUS</th>
<th>Useful for layout and alignment applications!</th>
</tr>
</thead>
</table>

**Sale** $185.00  List $199.95

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

Features:
- 23 holes for easy clamping
- Sold in pairs
- Hardened 56 - 60 HRC
- Useful in layout and grinding work

<table>
<thead>
<tr>
<th>Order No. 52-439-234-0</th>
<th>2-3-4 Blocks ± 0.0001”</th>
<th>$110.00</th>
<th>$92.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-439-246-0</td>
<td>2-4-6 Blocks ± 0.0003”</td>
<td>$249.59</td>
<td>$199.67</td>
</tr>
</tbody>
</table>

*Prices & Specifications are subject to change without notice.*
Parallel Set
Features:
• Height specifications relate to consistency within each pair. Absolute heights are nominal
• Hardness: 50 HRC, 6" length and 1/32" thickness
• Parallelism: ± 0.0002"
• Paired Height: ± 0.001"

Cylindrical Squares
Features:
• Used for checking squares, height gages and other instruments
• Hardened and the ends are lapped to 90° angular accuracy
• 6" cylindrical squares: ± 0.0001"
• 12" cylindrical square: ± 0.00015"

Order No. 52-437-000-0
Sale $257.60  List $278.40

Super Heavy Duty Automatic Center Punch
Features:
• 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.
• Steel construction. Four knurled bands provide a sturdy grip
• The point is easily removed for sharpening

Order No. 52-500-290-0
Sale $22.30  List $23.42

Carbide Super Scriber
• Lightweight
• Retractable carbide tip
• Knurled grip
• Machined aluminum body
• Pocket clip

Electronic Edge Finders
Features:
• Six equally spaced light ports provide visibility at any angle
• Edge finder lights instantly when stylus touches work edge
• Repeatability: 0.0002"
• Works on any conductive metal

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

Order No. 52-500-050-0
Carbide Super Scriber 6.5" $38.01  $36.20
Order No. 52-500-055-0
Carbide Super Scriber 6.5" $10.90  $10.90
Order No. 54-575-600-0
Stylus Shank Audible List Price Sale Price
54-575-600-0 0.200" 1/2" NO  $42.00  $37.80
54-575-625-0 0.200" 1/2" NO  $145.00  $130.50
54-575-650-0 0.400" 3/4" YES  $145.00  $130.50

Prices & Specifications are subject to change without notice.
Z-CHECK 65 PLUS+

Z-Axis Tool Setter

**Features:**
- Supplied with zero reference setting block
- IP65 protected against fluid and dust
- Backlight turns on when zero reference is achieved
- 4 magnets embedded into base
- 2" default setting height
- Steel contact surface with 0.0002" flatness
- Resolution: 0.00005"/0.001mm
- Repeatability: 0.00015"/0.004mm
- Accuracy: 0.0001"/0.003mm
- Includes a rugged, aluminum fitted case

**Order No. 54-188-200-0**

**Sale $122.10** List $128.48

**HIGH Accuracy Z-Axis Detectors**

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

- IP67 protected against fluid and dust
- High accuracy and repeatability: ± 0.000039"/0.001mm
- Carbide touch surface (0.196"/5mm)
- High precision bearing guide system for long life
- Interchangeable magnetic base
- High visibility LED indicator
- Movement stroke 0.078"/2mm
- Battery life approximately 250 hours (on time)

**Order No.** 54-188-140-0

**Dimensions:**
- Ø20.00
- Ø40.00
- Ø5.00

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

---

**Micro Drill Application**

**Order No.** 54-188-150-0

**Dimensions:**
- Ø0.97"

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

---

**Prices & Specifications are subject to change without notice.**
Tool Set 300 Presetter

*Used for the quick checking of heights and diameters (radii) of various types of machine tools. Accuracy is guaranteed by a precise steel measuring column and displacement devices in X and Z coordinates utilizing constant measuring force.*

**Tool Holding Spindle**
Tool presetter is supplied with high precision tool pot (Grade 0)
High precision spindle has:
- ISO 50 taper
- Less than 2 µm concentricity error

**Features:**
- Measuring range: (X)11.8”/300mm, (Z)15.7”/400mm
- Min/Max functions for TIR readings
- 2 reference indications
- Preset and Tolerance value inputs
- Radius or diameter indication on X-axis display
- Measuring unit (mm/inch) indication
- Display hold to retain readings
- Output - OPTO RS232 for each axis
- Floating zero function anywhere within axis range
- Carbide measuring insert for durability
- Counter balanced measuring carriage
- Constant measuring force in both axes
- High precision Swiss measuring system

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-188-300-0</td>
<td>Tool Presetter</td>
<td>$11,096.59</td>
<td>$9,350.00</td>
</tr>
<tr>
<td>54-121-000-0</td>
<td>ISO 50/45 Tool Pot Adapter</td>
<td>$1,196.43</td>
<td></td>
</tr>
<tr>
<td>54-121-005-0</td>
<td>ISO 50/40 Tool Pot Adapter</td>
<td>$772.40</td>
<td></td>
</tr>
<tr>
<td>54-121-010-0</td>
<td>ISO 50/35 Tool Pot Adapter</td>
<td>$1,196.43</td>
<td></td>
</tr>
<tr>
<td>54-121-015-0</td>
<td>ISO 50/30 Tool Pot Adapter</td>
<td>$963.26</td>
<td></td>
</tr>
<tr>
<td>54-188-333-0</td>
<td>ISO 50 Setting Gage</td>
<td>$640.00</td>
<td></td>
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<tr>
<td>54-188-335-0</td>
<td>ISO 40 Setting Gage</td>
<td>$1,136.10</td>
<td></td>
</tr>
</tbody>
</table>

**COAX-2D**

*2 Dimensional Coaxial Indicator Sets*

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

**Features:**
- Graduations and revolution counter 0.0005”/0.01mm)
- 3 internal and 3 external feelers; ball dia.: 1/8” (3mm)
- Includes center point feeler and staining arm
- Restraining arm
- Shank: 3/8” dia. x 7/8” long (10mm x 20mm)
- Measuring range: 0.250” (6mm) axis offset
- Speed recommended 800 RPM max.
- Repeatability to within 0.0002” (0.005mm) of true center
- Capacity, depending on feeler is 5/32-12”/4-300mm) internal diameter; 0-12”/300mm external diameter

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-710-025-0</td>
<td>2D Coaxial Set - Inch</td>
<td>$281.82</td>
<td>$230.60</td>
</tr>
<tr>
<td>52-710-030-0</td>
<td>2D Coaxial Set - Metric</td>
<td>$287.32</td>
<td>$235.00</td>
</tr>
</tbody>
</table>

*Prices & Specifications are subject to change without notice.*
The X-Pro Portable Roughness Tester II can be used for various applications by selecting from a variety of accessories including special application probes and a swivel stand.

RS232 data output is available on additional models (contact the Fowler technical department for more information 1-800-788-2353)

**X-Pro Portable Roughness Tester II**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-410-500-0</td>
<td>Portable Surface Roughness tester 0.0004” probe (NIST specifications)</td>
<td>$2395.00</td>
<td>$1,666.70</td>
</tr>
<tr>
<td>54-410-600-0</td>
<td>Portable Surface Roughness Tester 0.0002” probe (DIN specifications)</td>
<td>$2395.00</td>
<td>$1,666.70</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-400-896-0</td>
<td>Stand with Swivel Attachment</td>
<td>$490.60</td>
<td>$475.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Resolution</th>
<th>List Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-400-318-0</td>
<td>General Purpose Probe</td>
<td>0.0004”</td>
<td>$800.00</td>
<td>$720.00</td>
</tr>
<tr>
<td>54-400-326-0</td>
<td>General Purpose Probe</td>
<td>0.0002”</td>
<td>$800.00</td>
<td>$720.00</td>
</tr>
<tr>
<td>54-420-321-0</td>
<td>Small Bore Probe</td>
<td>0.0004”</td>
<td>$885.72</td>
<td>$778.50</td>
</tr>
<tr>
<td>54-420-327-0</td>
<td>Small Bore Probe</td>
<td>0.0002”</td>
<td>$885.72</td>
<td>$778.50</td>
</tr>
<tr>
<td>54-420-301-0</td>
<td>Traverse Chisel Probe</td>
<td>0.0004”</td>
<td>$885.72</td>
<td>$778.50</td>
</tr>
<tr>
<td>54-420-302-0</td>
<td>Parallel Chisel Probe</td>
<td>0.0004”</td>
<td>$885.72</td>
<td>$778.50</td>
</tr>
<tr>
<td>54-420-328-0</td>
<td>Groove Bottom Probe</td>
<td>0.0004”</td>
<td>$885.72</td>
<td>$778.50</td>
</tr>
<tr>
<td>54-420-120-0</td>
<td>AC Adapter Kit</td>
<td></td>
<td>$75.02</td>
<td>$61.40</td>
</tr>
</tbody>
</table>

Prices & Specifications are subject to change without notice.
Weight & Counting Scale

Measures up to 66 lbs.!

Features:
• Accurately measures weights and quantities
• Use for counting large batches of small parts
• Measure weights up to 66 lbs/30 kg.
• Removable stainless steel weighing pan and durable ABS housing
• Converts pounds, ounces, grams, kilograms
• Internal battery with 100 hours of use
• Front panel leveling indicator with adjustable leveling feet
• 3 panel backlit LCD display indicates weight, average piece weight and count

Order No. 54-750-030-0
Price $170.00

Prices & Specifications are subject to change without notice.