DIAL CALIBRATION TESTER

Features
- Precise and sensitive micrometer drum with non-rotating anvil.
- Robust construction with vertical stand for easy operation and clear visibility.
- Replaceable probe - No need of dedicated probe as a master.
- Design based on Abbe’s principle.
- Direct comparative measurement for required accuracy.
- Horizontally it accommodates the Lever Type Dials & Dial bore gauges for calibration.
- Used in two different combinations with
  - Digital Dial Gauge with 0.001mm resolution for calibration of 0.01mm least count dial gauges.
  - Digital Display Unit and Probe with 0.0001mm resolution for 0.001 and 0.002mm least count dial gauges.
  - Inch resolution dial gauges can also be checked.
  - RS 232 Port for interface with computer and Software for recording and evaluation.
- The DG Cal software provides calibration results.
- Accessories such as clamp, magnifying lens and holders are provided.

Features of DG Cal Software
- Direct data acquisition to computer
- Window based and user friendly software.
- Graphical presentation of Dial Indicator errors in forward and backward directions.
- Software is capable of maintaining Gauge history.

Application
Calibration of Plunger Type Dial
Calibration of lever type dial
Calibration of Dial Bore Gauge

Technical Specifications

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<th>Features</th>
<th>Model DCT1</th>
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<tr>
<td>Measuring System</td>
<td>Sylvac Digital Display Unit D50s and Sylvac P25 Probe</td>
<td>Sylvac Digital Dial</td>
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<tr>
<td>Calibration Range</td>
<td>0-25mm / 1&quot;</td>
<td>0-25mm / 1&quot;</td>
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<tr>
<td>Repeatability</td>
<td>0.0003mm</td>
<td>0.001mm</td>
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<tr>
<td>Displacement Error over full range</td>
<td>0.0025mm</td>
<td>0.005mm</td>
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<tr>
<td>Resolution</td>
<td>0.001 / 0.0001mm</td>
<td>0.001mm</td>
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