Ensure precise crimp-height measurements with Molex’s easy-to-use digital micrometer to meet critical specifications required by wire harness manufacturers.

A micrometer is a precision measuring instrument which is also referred to as a “Mike” throughout the crimping industry. There are many different styles and sizes of micrometers. Molex offers a crimp-height micrometer to ensure the customer obtains a quality tool at a fair market price.

A micrometer is a specifically designed instrument to measure electrical terminal crimped heights on solderless, open and close barrel terminals. The anvil (thin blade) supports the top of the crimp while a spindle (point section) contacts the bottom radial surface, providing an accurate measurement.

For additional information visit: www.molex.com/link/micrometer.html

FEATURES AND BENEFITS

- High-quality anvil blade and spindle point ensures precise measurements to meet critical specifications
- SPC output cable allows fast download of specifications for quality control
- Calibrated micrometer meets NIST (National Institute of Standards and Technology) standards
- Large liquid crystal display (LCD) allows for easy, accurate readings
- Fitted case ensures safe and reliable storage
- Ratchet stop provides constant force to keep terminal in place
- Protected for IP54/IP65 to resist water spray or splash

SPECIFICATIONS

Reference Information

Measuring range: 0 to 1.00in. (0 to 25.00mm)
Measuring force: 5 to 10N
Resolution: 0.00005 in. (0.001mm)
Accuracy: + / - 0.0001 in. (0.002mm)
Operating temperature: 0 to +40°C
Battery: SR44
Battery Life: Approx. 1.2 year under normal use
Protection class:
  - IP54 (Resist water splash)
  - IP65 (Resist water spray)
Calibration certificate included (traceable to NIST)
APPLICATIONS

- Wire Harness Manufacturers
- Contract Manufacturers
- Cable Houses
- Engineering Departments
- Quality Departments
- Target Customer
  - Contractor
  - Distributor
  - End User
  - Engineering
  - Manufacturing/Quality
  - OEM

Crimp-Height Micrometer
63800-2820 Crimp-Height Micrometer

Crimp-Height Micrometer with SPC Cable and Case

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Tool Type</th>
<th>Misc</th>
</tr>
</thead>
<tbody>
<tr>
<td>63800-2820</td>
<td>Micrometer</td>
<td>Crimp-Height Micrometer</td>
</tr>
</tbody>
</table>

MOLEX PRODUCTS FOR ASSOCIATED SELL

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>63800-2810</td>
<td>Magnification Tool</td>
<td>Eye Loupe</td>
</tr>
<tr>
<td>63800-7900</td>
<td>Height Gauge</td>
<td>Shut Height Gauge</td>
</tr>
<tr>
<td>63801-9100</td>
<td>Pull-Force Tester</td>
<td>PT-1500 Bench-Top Wire Crimp Pull-Force Tester</td>
</tr>
<tr>
<td>63817-0000</td>
<td>Hand Tool</td>
<td>Manual Wire Stripper</td>
</tr>
</tbody>
</table>