

Molex's Pneumatic Bench-Top WS-1000 Wire-Stripping Machine strips a wide range of AWG and metric wires plus insulation material, resulting in reduced crimp-machine cycle times for contract manufacturer's and harness houses

The WS-1000 Pneumatic Bench-Top Wire-Stripping Machine is capable of stripping standard PVC-type wire insulation from 0.03mm² to 6.00mm² (10 through 32 AWG) with the standard V-blade which comes with the machine. This semi-automatic stripping unit can be used with many different insulation types made from natural and synthetic materials, such as rubber, PUR and Teflon*.

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WS-1000 Pneumatic Bench-Top Wire-Stripping Machine

63801-9200 Bench-Top Wire Stripper for AWG Wire

63801-9250 Bench-Top Wire Stripper for Metric Wire

FEATURES AND BENEFITS

- Strips wire from 10 to 32AWG and metric wire, which will reduce investments for other wire preparation machines
- Strips multiple insulation and wire types, including rubber, Teflon, hook-up wire, flat cable, PUR wire and more resulting in lower investments
- Wire trigger for machine actuation, cycle time is reduced by not requiring a separate footswitch actuation
- Standard V-shaped blade adjusts for a full range of wire-strip diameter settings without the use of tools for quick production-run changes
- Self-centering clamping jaws and release sensors ensures high-quality, safe and efficient strips
- Blade customization is available for adaption to multiple cable types that allows for a wide variety of wire types
- Standard filter regulator is designed to use shop air to a maximum of 6 bar (87 psi) ensuring the air pressure does not exceed the maximum air requirements which can damage the machine
- Full and partial stripping of wire allowing for insulation to be pre-cut with insulation remaining to protect wire strands
- Distance from guard to blades is equal to or less than 9.00mm (.354"), short-stranded wire lengths can be processed

MARKETS AND APPLICATIONS

- Automotive Market
- Industrial Market
- Commercial Market
- Contract Manufacturers
- Design / Engineering Facilities
- Cable size applications to be used in the Molex WS-1000:
 - Round cables up to 5.00mm (.196") O.D.
 - Cross section from 0.15 to 4.00mm² (26 to 12 AWG)
 - Flat cables up to 8.00mm wide (.315")
 - Partial stroke from 1.00 to 15.00mm (.039 to .591")
 - Stripping length of 1.50 to 15.00mm (.059 to .591") total stripping
 - Removal length of 0 to 15.00mm (.591")



WS-1000 Bench-Top Machine

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

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Crimp-Height Micrometer

63800-2820 Crimp-Height Micrometer

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.

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



Crimp-Height Micrometer

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:

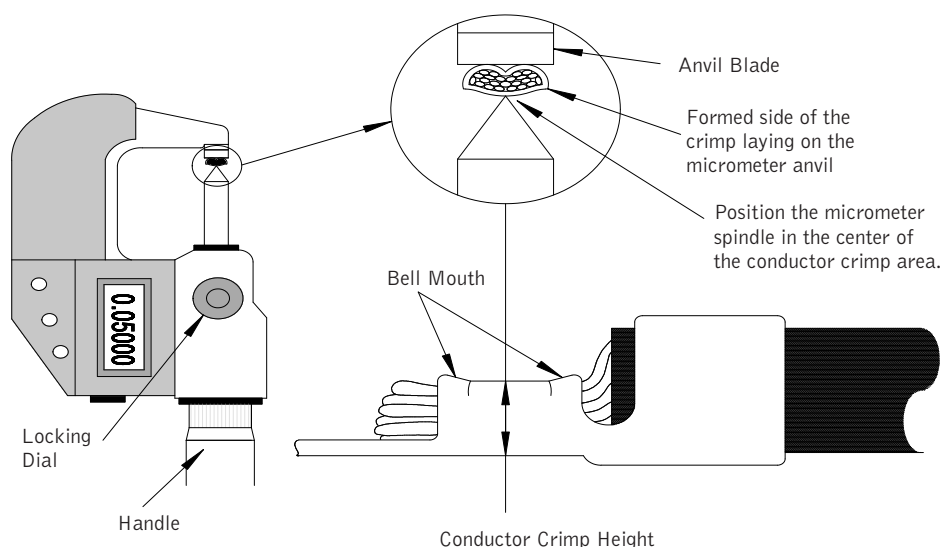
Approx. 1.2 year under normal use

Protection class:

IP54 (Resist water splash)

IP65 (Resist water spray)

Calibration certificate included
(traceable to NIST)



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