

Ideal for contract manufacturers and harness houses, Molex's easy-to-use, PT-1500 Bench-Top Wire Crimp Pull-Force Tester is designed with a single-stroke, pull-down lever to measure accurately the pull strength up to 978.61N (220 lbf) on a wide range of crimped terminals and wires

The Molex PT-1500 Bench-Top Wire Crimp Pull-Force Tester is a manual, lever-operated digital pull tester. The PT-1500 Bench-Top Wire Crimp Pull-Force Tester comes standard with two clamps to hold the wire. The wheel-type clamp and the clamp-style holder provide a broad range of clamping options, enabling customers to better analyze their wire-termination quality.

The PT-1500 Bench-Top Wire Crimp Pull-Force Tester is shipped with an AC rechargeable adapter for a 120V AC power supply. A 230V AC rechargeable adapter is available (part number 63801-9105). The PT-1500 Bench-Top Wire Crimp Pull-Force Tester can operate on internal rechargeable batteries or directly from the AC adapter.

This tester is calibrated and shipped with a calibration certificate (NIST). For additional information visit, www.molex.com/link/pt1500.html.

FEATURES AND BENEFITS

- Manual, single-stroke, pull-down lever automatically grips the wire and accurately measures the crimp pull strength on a wide range of wire sizes and types including crimped, soldered or solderless wire terminals
- Manual, single-stroke, pull-down lever automatically grips the wire which eliminates the need for additional grips or accessories and minimizes set-up time
- Grips wire diameters up to 5.84mm (.230"), and wire gauges from 0.05 to 10.00mm² (8 to 30 AWG) reduces the need for multiple pull test machines
- Digital output is push-button selectable can be programmed to show pull-force data in multiple units, including lbf, kgf and Newtons, for use in the global marketplace
- Operates on internal rechargeable batteries or an AC adapter (120 or 230V AC) for use in equipment without a direct power source
- Wheel-type clamp has multiple slot sizes, for wire diameters up to 5.84mm (.230") allowing for different wire sizes to be used in the machine
- Clamp-style holder suitable for open-barrel products secures the front of the terminal body to achieve an accurate pull-force reading

MARKETS AND APPLICATIONS

- Automotive market
- Industrial market
- Commercial market
- Contract manufacturers
- Design / engineering facilities
- 8 to 30 AWG wire up to 978.61N (220 lbf or 99.8 kgf)

PT-1500 Bench-Top Wire Crimp Pull-Force Tester

63801 Pull-Force Tester 0.05 to 10.00mm² (8 to 30 AWG) Wire Range



Bench-Top Wire Crimp Pull-Force Tester
(tests crimped wires up to 978.61N
(220 lbf or 99.79 kgf))

SPECIFICATIONS

Physical

Weight: 10.9kg (24 lbf)
Width: 475.0 to 545.0mm (18.70 to 21.45")
Depth: 150.0mm (5.90")
Height: 400.0mm (15.74")
Pull-Force: 978.61N (220 lbf or 99.8kg)

PT-1500 Bench-Top Wire Crimp Pull-Force Tester

63801 Pull-Force Tester 0.05 to 10.00mm² (8 to 30 AWG) Wire Range

ORDERING INFORMATION

Order No.	Component	Used With	Wire Range	Cable Diameter
63801-9100	PT-1500 Bench-Top Wire Crimp Pull-Force Tester	AWG or Metric Wire	0.05 to 10.00mm ² (8 to 30 AWG)	N/A

SUPPORTING PRODUCTS FOR REFERENCE

Order No.	Component	Used With	Wire Range	Cable Diameter
63801-9101	Multi-Terminal Grip for Closed-Barrel Equipment (standard with unit)	63801-9100	0.05 to 10.00mm ² (8 to 30 AWG) Cable	Up to 5.84mm (.230")
63801-9102	Clamp-Type Grip for Open-Barrel Equipment (standard with unit)	63801-9100	0.05 to 10.00mm ² (8 to 30 AWG) Cable	Up to 5.84mm (.230")
63801-9103	AC Power Adapter and charger, 120V AC (standard with unit)	120V AC	N/A	N/A
63801-9105	AC Power Adapter and Charger, 230V AC (standard with unit)	230V AC	N/A	N/A
63801-9104	Display module (standard with unit)	63801-9100	N/A	N/A