

MPT-250B

Motorized Wire Crimp Pull Tester



The MPT-250B Motorized Wire Crimp Pull Tester has a range from five pounds force to two-hundred and fifty pounds (2-113 Kg, 22-1112 N).

You can expect the same precision and dependability that has established all ALPHATRON® testers as the first choice for wire harness builders and component suppliers throughout the industry. The 250 pound capacity of this tester will extend the range of testing capabilities to size 8 Mil-Spec applications*, and size 1/0 AWG in commercial and automotive applications** (Reference AS7928 and UL486 Respectively).

The portable design (25 pounds, 9.5"x10"x16") and the rugged construction (machined aluminum and steel) contribute to the versatility and reliability of the MPT-250B Pull Tester. A variety of options, including standard and custom grips for all types of wire terminations are available on this tester. The operation of the tester is simple and has automatic reset and auto-stop features incorporated into the design. The peak-hold digital display indicates the highest pull force that is measured by the accurate load cell/digital processor until the reset switch is pressed.

Consult the factory for more specific information, and application verification. NSN: 6635-01-581-9996

SPECIFICATIONS FOR THE MPT-250B MOTORIZED WIRE CRIMP PULL TESTER

- Capacity Range 5-250 lbs. (2-113 kg, 22-1112 N)
- Pull Rate: 1 to 10"/min. Push-button Selectable in 1"/min. Increments.
- Pull Rate Accuracy $\pm 1/8$ "/min. @ 1-5"/min. Rate of Pull $\pm 1/4$ "/min. @ 6-10"/min. Rate of Pull
- Auto-Stop at Wire/Crimp Break Point
- Auto Return to Start Position
- 15 Position Slotted Lower Terminal Grip.
- Display Units in Pounds, Kilograms, or Newtons
- Lb/Kg/Newton Switching Built in

MPT-250B Options: Universal Self-Tightening Cam-Type Lower Grip • Ring Terminal Lower Grip • 7.5-30"/min. Selectable Rates of Pull in 10 2.5"/min. Increments • Adjustable Set-point for Motor Stop at Pre-Set Force.



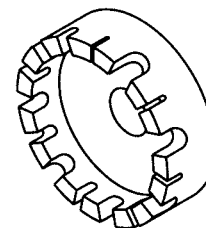
* Size 8 MIL Spec wire pull test is typically 220 pounds force. Sample may not break at 250 pounds.

** May require special grips due to wire diameter.

Terminal & Wire Grips

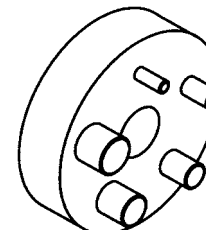
Custom Grips Available. Consult DMC for details.

SLOTTED TERMINAL GRIP (standard)



P/N 15-3087

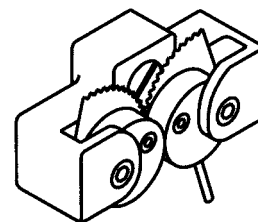
RING TERMINAL GRIP* (optional)



P/N 15-0066

*Some ring terminals are not suitable for this grip.

SELF TIGHTENING GRIP (optional)



P/N 15-3202

MINIATURE TERMINAL GRIP (optional)



P/N 15-3241

