

Tensile Test Systems

For Wire Terminations and Similar Applications



THE DEPENDABLE ALPHATRON™ TENSILE TEST SYSTEM

Now available from DMC is a line of Electronic Tensile Test Systems which may be used in conjunction with SPC Programs or other Quality Control disciplines in both OEM and maintenance applications. The electronic digital readout displays are a fast and reliable source of test data.

The rugged construction and the portable design of these test machines make any of them a superior choice for on-site or laboratory use in an infinite variety of applications. The operation of the equipment is simple yet versatile, and DMC will customize the gripping

jaws or other components to make test sample installation and removal an easy task.

Models are available with output display readings in Pounds, Newtons, and/or Kilograms to conform with the requirements of the user's system. Units are available for either 115 or 230 volt power input.

It's only natural that the company which supplies the best wire termination tools and equipment would add the very best Digital Tensile Testers to further meet the demand for fewer sources and improved support through a wider range of user needs.

The MPT-250B Motorized Wire Crimp Pull Tester is ideal when a constant rate of pull is desired. It tests crimp strength on terminations up to size 8 in Mil-Spec applications, and size 1/0 AWG in commercial and automotive applications.

The PT-150H Manual Wire Crimp Pull Tester is ideal for testing crimp strength up to size 10 for Mil-Spec applications, and size 4 AWG for commercial and automotive applications.

The HPT-200 hand-held pull tester blends the accuracy and rugged design of the Alphatron pull testers into a self-contained, portable, rechargeable battery powered unit. It is ideal for testing crimp strength up to size 10 AWG in Mil-Spec applications, and size 10 AWG in commercial and automotive applications.

MPT-250B-SC MOTORIZED SAFE-T-CABLE™ TESTER

The specifications for this model are the same as MPT-250B.

The MPT-250B-SC is equipped to test .020", .032" and .040" diameter Safe-T-Cable™.



**MOTORIZED PULL TESTERS
MPT-250B**



**MANUAL PULL TESTERS
PT-150H**



**HAND-HELD PORTABLE PULL TESTER
MODEL HPT-200**

GENERAL SPECIFICATIONS

| | MPT-250B | PT-150H | HPT-200 |
|------------------------------|---|---|---|
| Capacity | 250 lbf 113 kg 1112 N | 150 lbf 68.0 kg 667 N | 200 lbf 90.7 kg 889 N |
| Accuracy | ±0.5% (1/2 of 1%) | ±0.5% (1/2 of 1%) | ±0.5% (1/2 of 1%) |
| Resolution | 0.1 lbf | 0.1 lbf | 0.1 lbf |
| Display Type | Digital Display w/Peak Hold Reading | Digital Display w/Peak Hold Reading | Digital Display w/Peak Hold Reading |
| Display | LED w/.56" high digits | LED w/.56" high digits | LED w/.56" high digits |
| Electrical | 115 VAC, 50/60 Hz 230 VAC, 50/60 Hz | 115 VAC, 50/60 Hz 230 VAC, 50/60 Hz | Int. Battery 115 VAC, 50/60 Hz Charger 230 VAC, 50/60 Hz Charger Available |
| Operating Temperature | 50°F to 100°F (10° to 38°C) | 50°F to 100°F (10° to 38°C) | 50°F to 100°F (10° to 38°C) |

DIMENSIONS

| | MPT-250B | PT-150H | HPT-200 |
|---------------|--------------------------------------|---------------------------------------|--|
| Height | 9.5 in. (24.13 cm) | 5 in. (12.7 cm) | 2 in. (5.08 cm) case |
| Width | 10 in. (25.4 cm) | 8.5 in. (21.6 cm) | 9.5 in. (24.13 cm) case |
| Depth | 15 in. (38.1 cm) | 16 in. (40.6 cm) | 6.25 in. (15.87 cm) case |
| Weight | 26 lbs. (11.78 kg) (less options) | 15.2 lbs. (6.89 Kg) (less options) | 2.5 lbs. (1.13 kg) case and hand unit |