

HPT-200B

Portable Tensile Tester

The HPT-250B handheld portable pull tester brings the accuracy and rugged design of Alphatron® pull testers in a portable battery powered unit. It has ergonomic handles, an LCD screen, data output, and a range of 2-200 lbs (1-91 kg). The included rotating grip with multiple sized slots accommodates a wide range of wire diameters from .031" to .25" (.79 mm - 6.35 mm).



FEATURES:

- Built-in battery with charger
- Large backlit graphic display
- Up to 24 hours of use with backlight off
- Portable and lightweight pull-to-fail tester
- Ergonomic low stress tensioning
- Protective carrying case
- Display in lbf, ozf, kgf, gf, or N
- International power adaptor

FORCE INDICATOR SPECIFICATIONS:

- L x W x H: 5.88 x 2.53 x 1.32 (in)
149 x 64 x 34 (mm)
- Weight: .7 lbs (.32 kg)
- Capacity: 200 lbf / 90.7 kg / 889 N
- Accuracy: $\pm .5\%$ of full scale
- Resolution: 0.1 lbf
- Display: Backlit LCD 1.77 x 1 (in) 45 x 25.4 (mm)
- Electrical: AC or rechargeable battery
- Operating Temperature: 40°F to 100°F (4°C to 38°C)

TENSIONING UNIT SPECIFICATIONS:

- L x W x H: 5.88 x 2.53 x 1.32 (in)
149 x 64 x 34 (mm)
- Weight: 2.5 lbs (1.2 kg)
- Capacity: 200 lbf / 90.7 kg / 889 N
- Accuracy: $\pm .5\%$ of full scale
- Resolution: 0.1 lbf

| Minimum Tensile Strength Requirements | | |
|---------------------------------------|------------------|------------------|
| Wire Size (AWG) | Per AS7928 (lbs) | Per UL 486 (lbs) |
| 26 | 7 | - |
| 24 | 10 | - |
| 22 | 15 | 8 |
| 20 | 19 | 13 |
| 18 | 38 | 20 |
| 16 | 50 | 30 |
| 14 | 70 | 50 |
| 12 | 110 | 70 |
| 10 | 150 | 80 |



15-3035

Slotted Disc Grip (Included)



TST250-12

Clamp Grip (Included)



15-3039

Hex Terminal Upper Grip (Optional)

Additional grips are available to test RF coax cables. Contact DMC for more information.