



THE ALPHATRON™ PT-150HA WIRE CRIMP PULL TESTER

It's only natural that the company which supplies the best wire termination tools and equipment would add the very best Digital Wire Crimp Pull Testers to further meet the demand for fewer sources and improved support through a wider range of user needs. The Alphatron™ PT-150HA Wire Crimp Pull Tester from DMC is one in a line of Alphatron™ 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 rugged construction and the portable design of the the PT-150HA make it a superior choice for on-site or laboratory use in an infinite variety of applications. The electronic digital readout display is a fast and reliable source of test data. The operation of the PT-150HA is simple yet versatile, and DMC will customize the gripping jaws or other components to make test sample installation and removal an easy task.

The PT-150HA 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.**

STANDARD FEATURES

- Capacity: 150 lbf, 667 N, 68 Kg
- User changeable display units (pounds force, newtons or Kg)
- Resolution: 0.1 lb, 0.1 N, 0.1 Kg
- Accuracy: $\pm 0.5\%$ of full scale
- Digital Display with Peak Hold
- Backlit LCD Display with 0.56" High Digits
- Self-Tightening Wire Grip (P/N 15-3202C)
- 15 Position Slotted Terminal Contact Grip (P/N 15-3087)
- Manual Lever Arm Pull Mechanism
- Input power: 100-240 VAC 50/60 Hz

OPTIONAL ACCESSORY GRIPS

- Ring Terminal Grip (P/N 15-0066)
- Right Angle Terminal Grip (P/N 15-3042)
- Locking Ring Terminal Lower Group (P/N 15-3242)

PHYSICAL

- Weight 15.2 Lbs.
- (Shipping Weight 21 Lbs.)
- Stand Dimensions: H. 5", W. 8.5", D. 16"

CALIBRATION

- Supplied with certificate of calibration traceable to NIST
- Factory calibration available

OPTIONAL FEATURES

- Custom grips available

* Size 10 MIL Spec wire pull test is typically 150 pounds force. Sample may not break at 150 pounds.

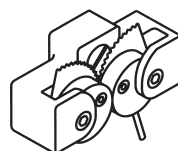
** May require special grips due to wire diameter.

PT-150HA WIRE CRIMP PULL TESTER

Minimum Tensile Strength Requirements		
Wire Size (AWG)	AS7928 (lbs.)	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
8	225	90
6	300	100
4	400	140

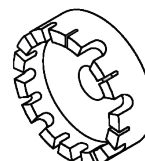
PT-150HA STANDARD GRIPS

Self-Tightening
Wire Grip



15-3202C

Slotted Terminal Grip



15-3087

SLOT DIMENSION	
1 .031"	9 .094"
2 .250"	10 .188"
3 .047"	11 .110"
4 .236"	12 .172"
5 .063"	13 .125"
6 .218"	14 .158"
7 .080"	15 .141"
8 .203"	

PART NUMBER	IMAGE	GRIP CAPACITY*	TYPE	APPLICATION
15-3087 (standard)		250 lbf	General Purpose Lower Grip	Terminal Lugs Machined Contacts
15-0066		250 lbf	Ring Lower Grip	Ring Terminal Lugs
15-3202C (standard)		250 lbf	Self Tightening Lower Grip	All Wire Terminations
15-3242		250 lbf	Locking Ring Terminal Lower Grip	Ring Terminals

*Do not exceed the rated capacity of the grip or tensile test machine (whichever is lower).

Custom Grips Available. Consult DMC for details.