

AUTOMATIC ELONGATION TESTER mod. ET

STANDARDS : IEC 60851 - 3.3 , NEMA MW 1000 , JIS C 3216-3, ASTM D 1676

TEST PROCEDURE: The elongation shall be measured with an elongation tester or tensile machine. The free measuring length shall be between 200 and 250 mm (7.9 to 10 inches). The wire shall be stretched at a rate of 5 mm/1" +/- 20%. The elongation shall be expressed as a percentage of the free measuring length. Three measurement shall be made and the mean value taken as "elongation".

- Suitable for wire diameter from 0.064 up to 2.75 mm (42 – 9 ½ AWG).
- Test length 250 mm (10") and maximum percentage of elongation 53%.
- 4 digit counter with pre-selection of percentage of elongation, resolution 0,1%, accuracy > 0.3%.
- Adjustable translation speed from 1,5 to 8 mm/1".
- Brushless motor with worm gearbox and inverter driver.
- Automatic stopping at break point and fast return.

TECHNICAL SPECIFICATIONS

Power supply	Dimensions	Weight
230Vac 50/60Hz 1phase 250VA	w 500 x h 1200 x d 600 mm	48 kg 105.6 lb

OPTIONS:

- D Load cell to measure the rupture force.
- PC Computer for test management with graphic representation of elongation force and printout of measurement results. Complete of software for low elongation test.



Mod. ET



mod. ET-D

Data changes reserved