ELONGATION TESTER mod. ETM, ETM1, ETM2

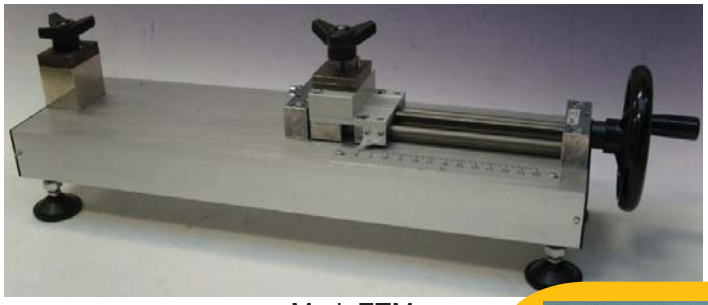
STANDARDS: IEC 60851-3.3, NEMA MW 1000, JIS C 3216-3, ASTM D 1676

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 and 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 1.15 mm (42 - 17 AWG).
  from 0.10 up to 2.3 mm (38 – 11 AWG mod. ETM2).
- Test length 200 mm (7.9 inches).
- Maximum elongation percentage 52%.
- Translation speed adjustable from 1,5 up to 6 mm/1" (mod. ETM1 - ETM2).
- Safety limit switches (mod. ETM1 – ETM2).
- Reading scale in percentage, resolution 0.1% (mod. ETM1 – ETM2), 1% (ETM).
- HMI to set test parameters such: Speed, maximum percentage of elongation (mod. ETM1 - ETM2)

TECHNICAL SPECIFICATIONS

model	Power supply	Dimensions	Weight
ETM	Manual	w 500 x d 150 x h 140 mm	18kg 39.6 lb
ETM1	230 V 50/60Hz 1 phase 100VA	w 480 x d 430 x h 360 mm	27kg 59.4 lb
ETM2	230 V 50/60Hz 1 phase 200VA	w 720 x d 380 x h 450 mm	30kg 66 lb



Mod. ETM

Mod. ETM1 - ETM2

OPTION:

250 Test length 250 mm (only model ETM1/2)
D Load cell to measure the breaking force, complete of digital indicator

Data changes reserved