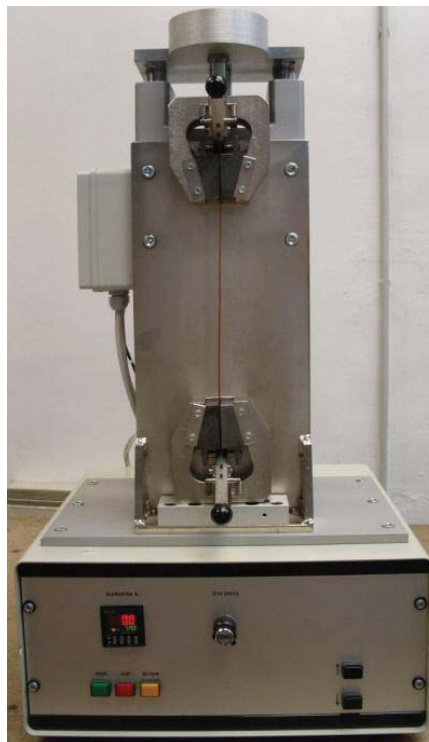


**AUTOMATIC ELONGATION TESTER mod. ET3, ET4**  
STANDARDS: IEC 60851 - 3.3, NEMA MW 1000, JIS C 3216-3, ASTM D 1676

**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".

**TECHNICAL SPECIFICATIONS**

model	Power supply	Dimensions	Weight
ET3	230Vac 50/60Hz 1phase 370VA	h 1300 x w 500 x d 610 mm	86 kg 189.2 lb
ET4	230Vac 50/60Hz 1 phase 370VA	h 1400 x w 550 x d 700 mm	95 kg 209.0 lb

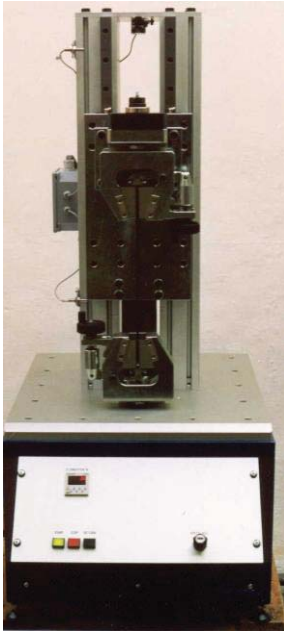


**Model ET3**

- Suitable for wire diameter from 0.60 up to 5.00 mm (24 – 3 AWG) and strip up to 60 mm<sup>2</sup>.
- Test length 250 mm (10") and maximum percentage of elongation 52%.
- Pre-selectable elongation counter, 0.1% resolution, accuracy > 0.3%.
- Translation speed adjustable from 1.5 up to 8.0 mm/1".
- Brushless motor with planetary gearbox electronically controlled.
- Automatic stopping at break point and fast return.

**OPTION :**

- D Load cell to measure the breaking force
- PC Computerised test management complete of load cell with graphical representation of elongation force and printout of test results.

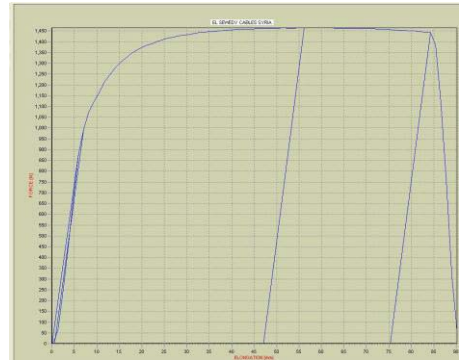
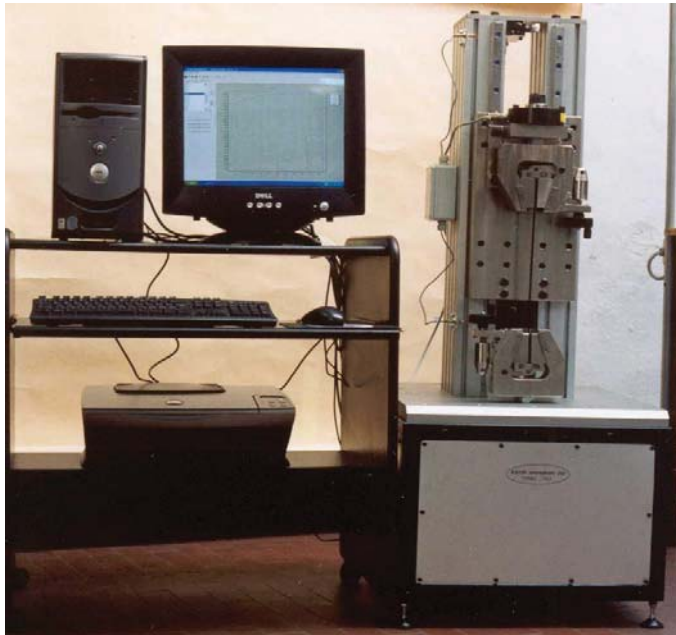


### Model ET4

- Suitable for wire diameter from 0.70 up to 6.00 mm and strip up to 100 mm<sup>2</sup>
- Test length 250 mm (10") and maximum percentage of elongation 53%.
- Digital counter with pre-selection of percentage of elongation, resolution 0,1%, accuracy > 0.3%.
- Translation speed adjustable from 1.5 up to 8.0 mm/1".
- Brushless motor with planetary gearbox electronically controlled.
- Automatic stopping at break point and fast return.

#### OPTION :

- D Load cell to measure the breaking force



### Model ET4-PC

- Suitable for wire diameter from 0.70 up to 6.00 mm and strip up to 100 mm<sup>2</sup>
- Test length 250 mm (10") and maximum percentage of elongation 53%.
- Computerised test management complete of load cell with graphical representation of elongation force and printout of test results, calculation Rp 0.1 – Rp 0.2
- Translation speed adjustable from 0.1mm up to 8.0 mm/1".
- Brushless motor with planetary gearbox electronically controlled.
- Automatic stopping at break point and fast return.

Data changes reserved