

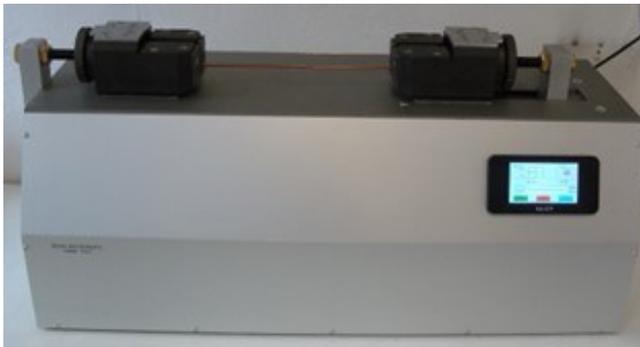
Elongation Tester

Model ETM, ETM1, ETM2



Model ETM

Model ETM2



Model ETM1



Test procedure

The elongation must be measured with an elongation tester or tensile machine. The free measuring length must be between 200 and 250 mm (7.9 and 10 inches). The wire shall be stretched at a 5 mm/1" \pm 20% rate. The elongation shall be expressed as a percentage of the free measuring length.

Three measurements shall be made, and the mean value taken as "elongation."

System description

ETM

- Suitable for wire diameter from 0.05 up to 1.25 mm (42 - 17 AWG)
- Test length 250 mm (10")
- Maximum elongation percentage 51%
- Resolution 1%

ETM1

- Suitable for wire diameter from 0.05 up to 1.15 mm (42 - 17 AWG)
- Test length 200 mm
- Maximum elongation percentage 52%

System description

ETM1

- Resolution 0.1%
- Translation speed adjustable from 1.5 up to 6 mm/1"
- Safety limit switches
- HMI to set test parameters such: Speed, maximum percentage of elongation

ETM2

- Suitable for wire diameter from 0.10 up to 2.0 mm (38 - 13 AWG)
- Test length 200 mm
- Maximum elongation percentage 52%
- Resolution 0.1%
- Translation speed adjustable from 1.5 up to 6 mm/1"
- Safety limit switches
- HMI to set test parameters such: Speed, maximum percentage of elongation

Specifications

Model	ETM	ETM1	ETM2
ETM, ETM1, ETM2			
Dimensions			
Dimensions (LxWxH)	480x150x185 mm	590x360x330 mm	590x360x330 mm
Weight	8 kg / 17.6 lb	31 kg / 68.3 lb	31 kg / 68.3 lb
Power supply			
Volt	Manual driven	230 V	230 V
Hertz		50/60 single phase	50/60 single phase
Volt-amperes		100	2000
Standards			
IEC 60851-3.3			
NEMA MW 1000			
JIS C 3216-3			
ASTM D 1676			
Options			
D	Load cell to measure breaking force, complete of digital indicator		
JAW	Fast jaws tread up (suitable for bare wire)		