

JERK TESTER mod. JT, JT2, JTM
 STANDARDS: IEC 60851-3.5.3, NEMA MW 1000, JIS C 3216-3

TEST PROCEDURE: A sample of wire of 250 mm (10 inches) length shall be suddenly stretched to the breaking point or to an elongation given in the relevant specification sheet. The specimen shall be examined for cracks or loss of adhesion under a magnification of:

- 10 to 15 times for nominal conductor diameters up to and including 0.04 mm.
- 6 to 10 times for nominal conductor diameters > 0.04 up to and including 0.5 mm.
- Normal vision or up to six times for nominal conductor diameters over 0.5 mm.

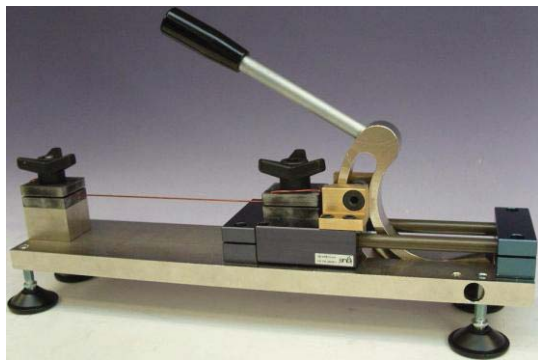
The distance of 2 mm from the broken ends shall be disregarded. Three tests shall be made.

- Suitable for wire diameter range from: 0,09 up to 1,00 mm (39-18 AWG) mod. JTM
 0.09 mm up to 1.60 mm (39 – 14 AWG) mod. JT
 3,00 mm up to 8,00 mm (1/2 – 9 AWG) mod. JT2
- Clamping length 250 mm (10 inches mod. JT, JT2), (200mm (7,9inches) mod. JTM)
- Compressed air, maximum force of 650N (mod. JT), 16KN (mod. JT2), (Manual mod. JTM).
- Pre-selectable elongation value device (mod. JT).
- Graduate percentage scale (mod. JT).

TECHNICAL SPECIFICATIONS

Model	Power supply	Dimensions (w x d x h) mm	Weight
JT	Compressed air 0.5 – 1.0 MPa	750 x 250 x 350	29 kg 63.8 lb.
JT2	Compressed air 0.8 – 1.0 MPa	1200 x 630 x 800	185 kg 407lb.
JTM	Manual	500 x 250 x 500	16 kg 35.2lb.

- OPTIONS**
- Microscope with adjustable magnification from 6 up to 40 times.
 - Digital output to measure jerk speed (mod. JT)



mod. JTM



mod. JT



Mod. JT2

Data changes reserved