BIDIRECTIONAL SCRAPE TESTER mod. BST

STANDARD: NEMA MW 1000- 3.51

TEST PROCEDURE: After the specimen has been removed from the solvent following the procedure described in the single data sheet, it must be inserted on a device which scrapes the surface of the film coating at right angle to the length of the wire with the prescribed weight and lowered gently to the surface of the film coating and scrapes at 50 mm/1" along the portion that was immersed in the solvent. Exposure of the bare conductor shall be indicated by an electrical circuit having a potential of 7.5 +/- 1.5Vdc between the needle and the conductor. This procedure also indicate any eccentricity of the insulation on the wire as well.

- Suitable for wire diameter from 0.2 up to 2.5 mm (32 – 10 AWG).
- Rotation of specimen device by 120° and 240°.
- Human Machine interface
- Adjustable stroke speed up to 55 mm/1".
- Test length 50 mm (about 2").
- Precision linear bearing unit.
- Stretching device 1%.
- Adjustable piano wire device.
- Complete set of weights: 5, 10, 2x20, 50, 100, 2x200, 500, 1000 g.
- Test voltage and current according to the standard.
- 4 digit counter with pre-selection and automatic stopping.

TECHNICAL SPECIFICATIONS

Power supply	Dimensions	Weight
100 - 230Vac 50/60Hz 1phase 80VA	l 500 x d 390 x h 450 mm	24 kg 52.8 lb

OPTIONS

- PC Automatic management of the test, with motorised turn of specimen by 120° and 240°, calculation and print out of single values and average.

Data changes reserved

BIDIRECTIONAL SCRAPE TESTER mod. BST1

STANDARD: GOST 14340.10-69

TEST PROCEDURE: After the specimen has been removed from the solvent following the procedure described in the single data sheet, it must be inserted on a device which scrapes the surface of the film coating at right angle to the length of the wire with the prescribed weight and lowered gently to the surface of the film coating and scrapes at 60 mm/1" along the portion that was immersed in the solvent. Exposure of the bare conductor shall be indicated by an electrical circuit having a potential of 12 +/- 1.5Vdc between the needle and the conductor. This procedure also indicate any eccentricity of the insulation on the wire as well.

- Suitable for wire diameter from 0.85 up to 7.2 mm .
- Human Machine interface
- Adjustable stroke speed up to 60 mm/1".
- Test length 10 mm.
- Precision linear bearing unit.
- Adjustable piano wire device.
- Complete set of weights: 600 - 746 - 816 - 950 - 1020 - 1154 - 1224 g.
- Test voltage and current according to the standard.
- 4 digit counter with pre-selection and automatic stopping.
- Device to rotate the sample wire by 90° - 180° - 270° - 360°

TECHNICAL SPECIFICATIONS

Power supply	Dimensions	Weight
100 - 230Vac 50/60Hz 1phase 80VA	l 500 x d 390 x h 450 mm	24 kg 52.8 lb

Data changes reserved