

## UNIDIRECTIONAL SCRAPE TESTER mod. UST, UST1

STANDARDS: IEC 60851-3.6, NEMA MW 1000 3.59

**TEST PROCEDURE:** A specimen of film coated wire shall be wiped with a clean cloth or tissue, placed in the machine and straightened by elongating it not more than 1%. The specimen shall then be secured in the clamping jaws and the supporting anvil adjusted to contact the underside of the specimen. An initial load of approximately 90% of the minimum “grams to fail” value specified in the data sheets shall be applied to the loading arm. The load shall be lowered gently onto surface of the film coating and the scraping action started until the conductor is exposed and the machine stops. Take note of the weight. The test procedure shall be repeated twice, indexing the clamps holding the wire to expose the wire surface 120° and 240° from the original position. The three “grams to fail” values shall then be averaged.

- Suitable for wire diameter from 0.2 up to 2.5 mm (32 – 9 ½ AWG).
- Automatic device for specimen rotation of by 120° and 240°.
- Stretching device 1%.
- Adjustable piano wire device.
- Complete set of weights: 5 – 10 – 2 x 20 – 50 – 100 – 2 x 200 – 500 – 1000 g
- Test voltage and current according to the standard.
- Digital multiplication factor (mod. UST1).
- Precision load cell for measuring the “grams to fail” (mod. UST).
- Automatic loading/unloading of test weight.
- Measuring of single values and automatic average calculation (mod. UST).

### TECHNICAL SPECIFICATIONS

Model	Power supply	Dimensions	Weight
UST	230Vac 50/60Hz 1phase 100 VA	w 500 x h 390 x d 450 mm	24 kg 52.8 lb
UST1	100 - 230Vac 50/60 Hz 1 phase 75 VA	w 500 x h 390 x d 450 mm	20 kg 44.6 lb.



mod. UST



Mod. UST1

Data changes reserved