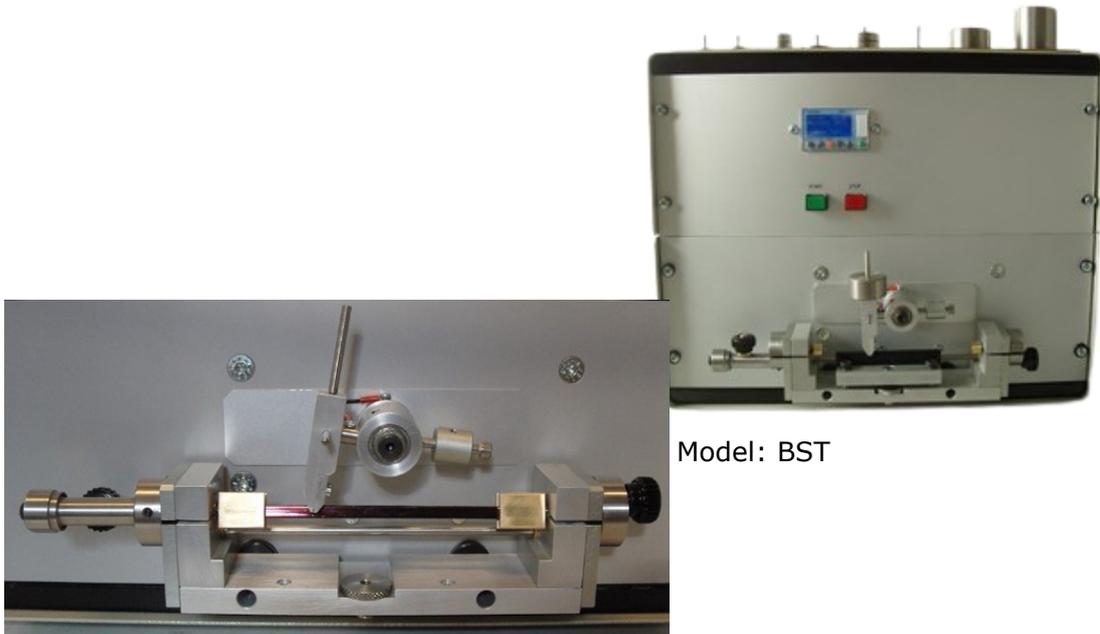


Bidirectional Scrape Tester

Model: BST



Model: BST

Test procedure

Remove the specimen from the solvent following the procedure described in our data sheet. Insert it on a device that scrapes the surface of the film coating at the right angle to the length of the wire. The prescribed weight is 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 shows any eccentricity of the wire's insulation.

System description

- 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
- Complete set of weights: 2x50, 100, 2x200, 500, 1000 g
- Test voltage and current according to the standard
- 4 digits counter with pre-selection and automatic stopping
- Adjustable stroke speed up to 55 mm/1"
- Test length 50 mm (about 2")
- Precision linear bearing unit
- Stretching device 1%



Specifications

Model	
BST	
Dimensions	
Dimensions (LxWxH)	500x390x450 mm
Weight (depending of configuration)	24 kg / 52.8 lb
Power supply	
Volt	100-230Vac
Hertz	50/60Hz 1phase
Volt-amperes	80VA
Options	
Fixture to test flat wires	
Standards	
NEMA MW 1000- 3.51	