

Solderability Tester

Model ST



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Test procedure

Diameters up to 0.05 mm:

8 wires shall be twisted together, and a suitable carrier shall be used, then immersed in a tin bath with its vertical axis.

Diameters from 0.05 to 0.1 mm:

A single wire is required and shall be immersed in the tin bath with its vertical axis.

Diameter over 0.1 mm:

A single specimen 200mm in length is required. The specimen shall be lowered to at least 200mm depth, and its temperature shall be measured approximately 10mm from the sample. After immersion, the sample shall be moved sideways before it's withdrawn from the tin bath. The surface of the wire shall then be examined with a magnification of 6 to 10 times. Three tests shall be carried out.

System description

- Digital temperature controller up to 530°C accuracy > 0.3%
- Digital timer with pre-selectable immersion time from 0.2" up to 999h
- Automatic or manual test with the possibility to disconnect sideways movement of the sample
- Three test simultaneous devices (diameters over 0.1 mm)
- Specimen immersion depth 30mm
- The heater wound on ceramic support allows for long life and good thermal insulation

Specifications

Model	ST
ST	
Dimensions	
Dimensions (WxDxH)	440x445x405 mm
Weight	18 kg / 39.6 lb
Power supply	
Volt	230 V
Hertz	50/60 single phase
Volt-amperes	850
Compressed air	0.6 MPa
Standards	
IEC	60851-4.5
NEMA	MW 1000
DIN	46453
Options	
PP	3 samples holder according to NEMA MW 1000