

DVT SYE

COLD BENDING TESTER FOR BITUMEN SHEETS



**USED TO DETERMINE FLEXIBILITY OF
BITUMEN SHEETS AT LOW TEMPERATURES**

DVT SYE

TECHNICAL SPECIFICATIONS

Used to determine flexibility and cracking resistance of bitumen sheets at low temperatures. Used to determine minimum bending temperature in cold environment.

USED IN

- Insulation material manufacturing.
- Building sector.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 58.5 cm.
- Depth: 51 cm.
- Height: 117 cm.
- Weight: 94 kg.

RELEVANT STANDARDS

- EN 1109
- BS EN 1109
- TS EN 1109

TECHNICAL INFORMATION

- Operating voltage: 220 Volt 50 Hz.
- Specimen Dimensions: 50 x 140 mm
- Test speed: 360 ± 10 mm/min.
- Upper Rollers (rotateable): $\varnothing 20 \pm 0.1$ mm
- Lower sample bending roller: $\varnothing 30 \pm 0.1$ mm
- Temperature range: -20°C to ambient.
- Internal dimensions of bath: 298 x 327 x 200 mm.
- Emergency stop button.
- Air input: 3 – 6 bar.
- Sample thickness adjustment.
- Test takes place in test liquid prescribed by standard.
- Pneumatic lifting system for the test apparatus to get out of the liquid for easier observation.
- Parts that are meant to be in contact with the liquid are made from stainless materials.
- Outer chassis is electrostatic powder coated.
- Cooling unit inside the device.

OPTIONAL ADDITIONS

- Test in -30°C ambient temperature
- Test in +100°C ambient temperature
- Test liquid for cooling.

Note: DVT DEVOTRANS reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

