



Determine the resistance to water penetration

Can be tested on a variety of materials.

The Hydrostatic Head Tester is used to determine the resistance to water penetration of fabrics, technical textiles, bonded, coated, elastane, goretex, hi-tech membranes and other materials subjected to hydrostatic pressure expressed in cm H₂O.

The water proof limits are achieved only after detecting the first three drops on the sample surface in compliance with standards.

The HMI Touch Screen is used by the operator to set the test parameters, monitor the test, save results and export files (.CSV) through the USB communication port.

The sample is locked between test area flanges by means of a manual closing system with handles or pneumatic clamping at request.

Webserver and application software for user management, statistical evaluations and trend analysis for test reports.

Key Features

- ✓ *Halogen lamp for visual inspection*
- ✓ *ASCII printer to get quick paper reports of results*
- ✓ *Files can be saved easily through USB port*
- ✓ *Webserver and application software*
- ✓ *Interchangeable test areas of 10, 26 and 28cm² on request*
- ✓ *Instrument certificate by accredited institute or ISO on request*

Dimensions: 540 x 540 x 1700 mm

Weight: 70 kg

Power Supply: 110/230 VAC – 50/60 HZ

Standards: UNI EN ISO 20811, UNI 4818, DIN 53886, ISO 811

Order Code: HHT:001