

Hydrostatic Head Tester

Model: H0003

a measurable difference...

IDM[®]
instruments

This apparatus is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. The hydrostatic pressure supported by a fabric is a measure of the resistance to the passage of water through the fabric. A specimen is subjected to a uniformly increasing pressure of water on one face, under standard conditions, until penetration occurs in three different places. The hydrostatic pressure at which water penetrates the fabric at the third place is noted.

Applications:

- All fabrics which are water repellent or coated to impart resistance to water penetration.

Features:

- High Analogue Pressure Gauge 0-600kPa
- Low Analogue Pressure Gauge 0-60kPa
- Water explosion container cover
- Overflow tray
- Bench top operation

Standards:

- AATCC127
- AS 2001.2.17
- BS 3424 part 26
- BS EN 20811
- ISO 811:1981
- BS EN 20811:1992

Options:

- Stainless Steel test head 100 cm² (BS 3424)
- Stainless Steel test head Ø75mm (AS 2001.2.17)

Connections:

- **Air Supply:** 80psi

Dimensions:

- **H:** 200mm
- **W:** 400mm
- **D:** 200mm
- **Weight:** 15kg

