Hydrostatic Pressure Testers
YG825E Series

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.

Standards:

- GB/T4744-1997
- ISO 811
- EN 20811
- AATCC 127
- FZ/T01004-91

Specifications:

Model:	YG825E-10	YG825E-20	YG825E-50
Measuring Range:	0 – 100kPa	0 – 200kPa	0 – 500kPa
Accuracy:	≤±0.2%	≤±0.5%	≤±1.0%
Pressure Area:	100cm^2		
Display Units:	Pa		
Testing Mode:	5 Methods (GB, ISO, EN, AATCC, FZ)		
Water Tank Capacity:	1000ml		
Power:	AC220V, 50Hz		
External Dimensions:	56 x 41 x 50cm		
Weight:	55kg		

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