Product Information

HTF-066 Water Resistance Testing instrument

Use: This test method is applicable to any textile fabric, which may or may not have been given a water-resistant or water- repellent finish. It measures the resistance of fabrics to the penetration of water by impact, and thus can be used to predict the probable resistance of fabrics to rain penetration.

Standard: AATCC 42

Technical specification:
Spray head bottom to sample centre:60cm
Water volume:500ml
Spring clip width:152mm
Sample angle:45°
Clamp mass:453.6g(1Lb)
Spray head:diameter56mm,spray holes diameter:1mm,25 holes
Sample:178x330cm
Dimension(WxDxH):34x54x108cm
Weight:≈18Kg

How Water Penetration Tester works?
1. Clamp one end of the specimen under 152mm spring clamp at the top of the inclined stand.
2. A standard blotter paper 152 x 230 mm is weighed to the nearest 0.1g and inserted beneath the test specimen.
3. Pour the distilled water into the funnel of tester and allow spraying onto the test specimen.
4. The water should be poured into the funnel without imparting any swirling motion of the water in the funnel.
5. Upon completion of the spraying period, the test specimen is carefully lifted, the blotter beneath removed, and then quickly reweighed to the nearest 0.1 g.