

Hydrostatic Head Tester

The hydrostatic head tester HydroDetector is used to determine the resistance to water penetration under pressure of fabrics like canvas, coated fabrics, rainproof fabrics and geotextiles, but also protective clothing, tents, backpacks, waterproof membranes, ground films,

Various test modes are available: pressure raising, constant pressure, as well as constant pressure and fixed time.

The water pressure ranges up to 500 kPa (50 m water column) and the pressure increase rate is adjustable from 1 up to 60 kPa/min.



Features

- Connects to our SmarTexLab app
- Various testmodes
- High accuracy and repeatability

Technical details

Range	0 - 500 bar (50 m)
Rate	1 - 60 kPa/min
Units	Pa, kPa, mm Hg, cm H2O
Test head	100 cm ²
Dim's	36 x 67 x 64 cm
Weight	60 kgs
Power	230 V/ 50 Hz

Standards

AATCC 127 • ISO 811 • ISO 1420A • ISO 9073-16 • ISO 16603 • ISO 1420 • EN ISO 7854 • EN 343 • EN 1734 • EN 14126 • EN 14325 • EN 20811 • BS 2823 • BS 3424 • DIN 53886 • AFNOR G07-057 • ERT 120.1 • ERT 160.0 • ASTM F903 • INDA IST 80.4 • AATCC 208 • NWSP 080.6.R0(15)