

TF163A

Hydrostatic Head Tester

Hydrostatic Head Tester is used for determining the resistance of fabrics (canvas, coated fabrics, cover cloth, rainproof clothing fabrics, and geotextile materials) and films to water penetration under pressure while firmly clamped in the test rig of standard area.



Specifications

Equipped with a LED lamp to observe the test process clearly

Pressure Range : 0 ~200 kPa (20 m water column)

An increasing rate of water pressure :

1 ~ 60 kPa/min stepless adjustable

Units : Pa, kPa, mmHg, cmH2O

Standard Test Head : 100 cm

Standards:

AATCC 127Option 2, ISO 811, GB/T 4744

Optional Standards:

ISO 1420 Method B

Power: 220 V 50 Hz

Weight: 62kg

Dimensions: 690 x 540 x 870 mm (L x W x H)

TESTEX INSTRUMENT LTD

TESTEX is one of the leading developers and textile testing equipment manufacturers since 2010, focusing on developing and manufacturing instruments used in textile industry all over the world.

✉: sales@tes.hk

☎: +86-769-23294842

🌐: www.TestexTextile.com

📍: NO.13, WanJiang Industrial Street

WanJiang, Dongguan, Guangdong, China



TF163C

Hydrostatic Head Tester

Hydrostatic pressure tester, it is used to measure the water penetration resistance of fabrics under hydrostatic pressure. Hydrostatic test can include in those kinds of fabrics, such as canvas, coated fabrics, cover cloth, rainproof clothing fabrics, and geotextile materials, and films to water penetration under pressure while firmly clamped in the test rig of standard area.



Specification of Hydrostatic Head Tester

Standard Test Head: 100 cm²

Units: Pa, kPa, mmHg, cmH₂O

Pressure Range: 0 ~ 200kPa (20 m water column)
0 ~ 500kPa (50 m water column)
0 ~ 1000kPa (100 m water column)

The increasing rate of water pressure:
1 ~ 60 kPa/min step-less
adjustable

Equipped with a LED lamp to observe the test process.
Real-time test results are shown on the large color touch panel.

Test results can be made up to a report on software and print out directly.

Closed-loop controlled servo motor drives pistons to achieve the unique water pressure raising rate balance system.

The variable test method can be selected, test time and variable pressure increasing rate can be set and saved.

Wide range of pressure increasing rate and freely adjustable. The pressure-increasing system is adjusted by dynamic feedback to prevent overload.

3 test methods are included

Pressure raising mode, Constant-pressure mode,
Constant pressure & fixed time mode

Standards:

AATCC 127 Option 2, ISO 811,
GB/T 4744, GB/T 40910, JIS L1092

Optional Standards:

ISO 9073-16, EN1734, ISO 1420,
AATCC 208, IS 7016(Part 7)
NWSP 080.6.RO(15),
GB/T24218.16, FZ/T 01004.

Power: 220 V 50 Hz 3A 500 W

Weight: 95kg

Dimensions: 500x430x700mm
(L x W x H)

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