



**AUTOMATIC HYDROSTATIC HEAD TESTER
MODEL:GK-7**

Hydrostatic Head Tester, 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.

TECHNICAL SPECIFICATION:

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.

GATESLAB TECHNOLOGIES DE LABORATOIRE SARL

3 rue de la Cellophane 78711 Mantes La Ville / FRANCE

TEL : (0033) 1.30.42.85.13 - GSM : (0033) 6.17.67.51.70

E-mail : info@gateslab.com Web : www.gateslab.com



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

Real-time test results are shown on the large colorful touch panel.

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

5 test methods are included

Pressure raising mode, Constant-pressure mode, Constant pressure & fixed time mode, Extending-relaxing mode, Water penetration, and leakage mode.

PRESSURE RANGE:

0 ~ 50kPa (5 m water column).

0 ~ 200kPa (20 m water column).

0~ 500kPa (50 m water column).

0 ~ 1000kPa (100 m water column).

Increasing rate of water pressure :1 ~ 100kPa/min stepless adjustable Units : Pa, kPa, mmHg, cmH₂O, mmH₂O,Bar,PSI

Automatic clamp with holding force : 5kN

Standard Test Head : 100cm² (7.8cm²,20 cm²,28 cm²,10 cm²,26 cm², 19.63cm²

Optional)

STANDARDS

Medical Masks And Protective Clothing

EN 14126 - 2003

EN14325

EN ISO 7854

AATCC 127

ISO 811/1420A

EN 20811

GB/T 4744

GATESLAB TECHNOLOGIES DE LABORATOIRE SARL

3 rue de la Cellophane 78711 Mantes La Ville / FRANCE

TEL : (0033) 1.30.42.85.13 - GSM : (0033) 6.17.67.51.70

E-mail : info@gateslab.com Web : www.gateslab.com