

Geotextile Permeability Tester

This tester determines the vertical permeability coefficient of geotextiles and composite materials. It is mainly used in the no-load state to meet laminar flow conditions.



Product Overview

Precision Geotextile Permeability Testing

This standard geotextile permeability tester is engineered to evaluate the vertical permeability coefficient and flow characteristics of geotextiles and composite materials under no-load states. It ensures consistent laminar flow conditions, making it an essential instrument for civil engineering, drainage, and soil stabilization applications. Designed for reliability, the system provides high-precision measurements and complies with major international standards.

Technical Specifications

Maximum Head Pressure	250 mmH ₂ O
Holder Diameter	50 mm
Maximum Specimen Thickness	20 mm
Temperature Range	0 - 60

Performance Metrics

Timer Control

99.9 s

Max Duration

0.1 s

Control Accuracy

Compliance & Certifications

Quality Certifications

ISO 9001:2000 • CE • SGS

International Standards

SL / T235-2012, GB / T15789, ISO11058, ASTM D4716

Physical Dimensions

System Dimensions and Power

Parameter	Value
Dimensions	400 x 500 x 850 mm
Power Supply	AC 220V ± 10% 50Hz
Measuring Tube	1000 ml