

Geotextile In-Plane Permeability Tester

The geotextile in-plane permeability tester measures the permeable flow rate of geotextile material under a certain hydraulic gradient. It is used to evaluate the water conveyance capacity of the material.



Product Overview

Precision In-Plane Permeability Testing

The Geotextile In-Plane Permeability Tester is a specialized instrument designed for measuring the in-plane permeability and transmissivity of geotextiles. This apparatus allows for the accurate determination of the flow rate of water through the geotextile material under controlled hydraulic gradients. It provides essential data for assessing drainage capacity and filtration performance in civil engineering applications such as road construction, landfill design, and erosion control.

Technical Specifications

System Components

- Permeameter cell for sample holding
- Water reservoir
- Constant flow pump
- Manometers/Pressure transducers

Primary Applications

Road Construction • Landfill Design • Erosion Control

Certifications

CE, ISO 9001:2000, SGS