

## GE-TE-FLOW



The GE-TE-FLOW Permeameter is a fully automatic, computer-controlled instrument for testing the water permeability of geotextiles, membranes and related materials. In conformity with EN ISO 11058, it operates by the falling head method, measuring normal to the specimen plane and without a load applied.

### Specifications

- **Dimensions**  
Height: 860 mm  
Width: 440 mm  
Depth: 340 mm
- **Weight**  
28 kg
- **Power requirements**  
230 VAC
- **Measurement principle**  
Falling head method (without load applied) with vertical flow
- **Diameter of specimen area tested**  
67,8 mm
- **Overall diameter of specimen**  
75 mm
- **Range of specimen thickness**  
0,1...10 mm
- **Zero Correction**  
Automatic

### Performance features

- Falling head method, using two cylinder systems and pressure sensor
- Very low water consumption
- Automatic temperature compensation, zero correction and end value adjustment
- Fully automatic instrument control and data acquisition at optimized time intervals by PC and Windows software
- Documentation of the hydraulic altitude difference equation for the rms adjustment curve of  $h(v)$
- Immediate displaying of the measurements results