

DEVOTRANS

Quality Control Testing Equipment

DVT SG J

WATER PERMEABILITY TEST EQUIPMENT FOR
GEOTEXTILES



FOR MEASURING WATER PERMEABILITY OF
GEOTEXTILE PRODUCTS

DEVOTRANS

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TECHNICAL SPECIFICATIONS

For determining water permeability of geotextile products etc.

For calculating the flow rate of the water passing through the materials.

The formulas needed for the calculation of the flow rate are presented in an Excell worksheet. A tutor video is also available.

USED IN

- Geotextiles.
- Woven fabrics.
- Wool.
- Filter materials.
- Sinter plates.
- Perforated sheet metal plates.
- Porous building materials.

OPTIONAL ADDITIONS

- Computer-controlled automatic system.
- Water cooling unit.
- Water heating unit.

ACCESSORIES

- Measuring cylinder (500 ml).
- Measuring cylinder tray.
- Sample cutting blade.
- Spirit level.

TECHNICAL INFORMATION

- Measuring principle : method of vertical flow (without application of load).
- Sample diameter: 72 mm.
- Tested diameter of sample: 50 mm.
- Thickness of sample : 0,1-10 mm.
- Consumption of energy: 220 V AC.
- 1 micron water filter.
- Flow rate display in m/second or mm/second.
- Time display (s).
- Water temperature display (°C).
- Volume display (ml).
- Sound warning.
- Ruler for water height measurement.
- Water entry and water draining exit.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width : 750 mm.
- Depth : 400 mm.
- Height : 1130 mm.
- Weight : 35 kg.

RELEVANT STANDARDS

- EN ISO 11058 Method B
- TS EN ISO 11058

Note: Devotrans reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.