

CONSTANT HEAD PERMEABILITY TESTER 38-T0184

STANDARD: BS 1377:5, ASTM D2434, AASHTO T215

Used to determine the permeability of granular, gravel and sand soils. The specimen is formed in an acrylic permeability cell, and water is passed through it from a constant level tank. The permeability cell has pressure points at different levels which are connected to the manometer tubes fixed on a stand with graduated scale.

It consists of:

- 38-T0184/C1 Constant head permeability cell Ø75 mm, three pressure take-off points. Weight: 3 Kg
- 38-T0184/C2 Constant head permeability cell Ø114 mm, six pressure take-off points. Weight: 7 Kg. When using this cell, two manometer tube stands are required.
- 38-T0184/MS Wall-mounted manometer stand
- 38-T0184/T Constant level water tank
- Water hose



FALLING HEAD PERMEAMETER 38-T0185

STANDARD: ASTM D5856, BS EN ISO 17892-11

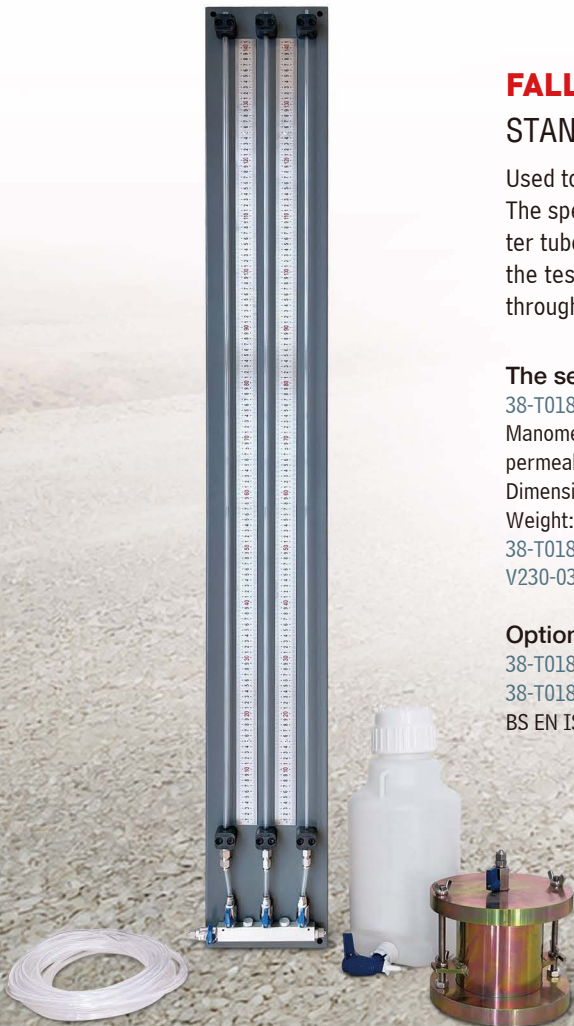
Used to determine the permeability of fine-grained soils such as clay-like or silty soils. The specimen is confined within the permeameter which is connected to the manometer tube filled with water. The sample must be completely saturated with water before the test, and the operator will check the rate of fall of the water in the tube passing through the test specimen.

The set consists of :

- 38-T0185/MS Manometer stand
Manometer stand with three manometer tubes each Ø3, 4 and 6 mm for the different degrees of permeability, soaking reservoir with cock, tubing and connectors.
Dimensions: 1700x220x50 mm
Weight: 10 kg approx.
- 38-T0185/C2 Compaction mould permeameter 4" [101.6 mm] dia. conforming to ASTM D5856
- V230-03 Rubber tubing for vacuum, 3 m long

Optional

- 38-T0185/C3 Compaction mould permeameter 6" [152.4 mm] dia. conforming to ASTM D5856
- 38-T0185/C1 Falling head permeability cell 100 mm internal dia. conforming to BS EN ISO 17892-11



FALLING HEAD PERMEAMETER TPT-300 PERMEAMETER STAND

It is designed to perform both constant head and falling head permeability tests on compacted granular soil samples.

The stand consists of a metal frame with water tank adjustable in height between 1350 and 3450 mm for constant head tests. Supplied complete with tubes, graduated rules, piping, connectors and cocks; but without permeameters to be ordered separately.

The stand can hold up to 3 permeameters at the same time.

For other configurations, please contact us.

COMPACTION PERMEAMETERS STANDARD: CEN ISO/TS 17892-11

Used for determining permeability to water of soil gravel, clay, sand samples. Supplied complete with clamped upper and lower plate giving the possibility to perform permeability tests also on compacted samples, water inlet with valve, water outlet, two perforated upper and lower plates, two stainless steel screens.

Stell made, galvanized against corrosion.

The configured compaction moulds are $\varnothing 4"$. $\varnothing 6"$ or $\varnothing 100\text{mm}$ compaction moulds are optional.

