



GUELPH PERMEAMETER

DESCRIPTION

The Guelph Permeameter is an easy to use instrument to quickly and accurately measure in-situ hydraulic conductivity.

The 2800K1 Guelph Permeameter kit is a complete installation kit. It consists of the permeameter, field tripod, well auger, well preparation and cleanup tools, collapsible water container, and vacuum test hand pump. All packaged in a durable carrying case.

If you are concerning a multiple Guelph install at a site where you can share the installation tools you can save money by purchasing additional Guelph 2800K4 units without the installation tools & accessories .

General Features

The 2800 Guelph Permeameter is a constant-head permeameter, which operates based on the Mariotte bubble tower principle and provides a quick and simple method for determining field saturated hydraulic conductivity, matric flux potential, the alpha-star (α^*) parameter and soil sorptivity in the field.

The Guelph Permeameter Kit supports the ASTM D5126 standard: Use the free calculator spreadsheet below!

Accurate evaluation of soil hydraulic conductivity, soil sorptivity, and matrix flux potential can be made in all types of soils. The equipment can be transported, assembled, and operated easily by one person.

Measurements can be made in 1/2 to 2 hours, depending on soil type, and requires only about 2.5 liters of water.

Measurements can be made in the range of 15 to 75 cm below the soil surface.

Accessory attachments are available for extending the measurement capability of the permeameter.

Depth attachments increase the depth of operation by 80 cm.

The maximum practical operating depth is 315 cm.

This Instrument is manufactured by our principle company

Soil Moisture Corp - USA



Contact info



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