



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

Contents

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This wishlist was generated on 12/02/2018, and contains the following Products:

25-0650

Guelph Permeameter Supplied Complete with Extension Kit.



Guelph Permeameter Supplied Complete with Extension Kit.

Code: 25-0650

Product Group: Guelph Permeameter, Guelph Permeameter

- Lightweight and portable
- Robust construction
- Requires only 2.5 litres of water
- Results usually within 2 hours

The Guelph Permeameter is used to obtain accurate measurements of hydraulic conductivity, soil sorptivity and soil matrix flux potential. These three factors govern how liquids will move through an unsaturated soil profile.

Recent significant advances in both the theoretical and practical techniques of measuring soil hydraulic conductivity have been made by the University of Guelph, Canada. This has resulted in the development of the Guelph Permeameter, utilising the Constant Head Well principle.

Standards

ASTM D5126

Further Information

Guelph Permeameter Set Includes:-

- 1 Field Tripod
- 1 Well Auger
- 1 Well Tripod
- 1 Preparation Tool
- 1 Hand Pump
- 1 Extension Kit (extends depth by 800 mm)
- 1 Collapsible Water Container
- 1 Set of Instructions and Carrying Case

Specification

| | |
|----------------|--|
| Cell | Plated seamless tube 100 mm diameter x 130 mm height |
| Capacity | 3.18 Litres |
| Base | Porous plate with three tie rods |
| Top plate | Machined to accept smaller tubes |
| Net Weight | 13.6 kg |
| Overall Weight | 111 kg |
| Permeameter | High impact polycarbonate, molded elastomers. |

Product Sheet

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| | |
|------------------------------|---|
| Auger | 2" (50.8 mm) diam.; machined steel. |
| Carrying Case | Die-cut foam for parts storage. |
| Test Time | 1/2 – 2 hours. |
| Test Depth | 15 to 75 cm (0.5 to 2.5 ft). |
| Hydraulic Conductivity Range | 10-4 to 10-8 m/sec (10-2 to 10-6 cm/sec). |
| Weight | Net 30 lbs. (13 .6 kg). |

Accessories



Permeameter Extension Kit

Code: [25-0655](#)