

DUALHEAD INFILTRMETER



The new fully automated DualHead Infiltrimeter measures (K_{fs}), the ability of a porous medium to transmit water under saturated or near saturated conditions. The DualHead Infiltrimeter uses the multiple head analysis approach to correct 3-dimensional flow without having to guess the Soil Sorptivity (S) and the Soil Macroscopic Capillary Length (α).

Features




- Fully automated infiltration measurements
- Instant K_{fs} values without tedious post-processing
- Measure soil hydraulic properties - Sorptivity and α

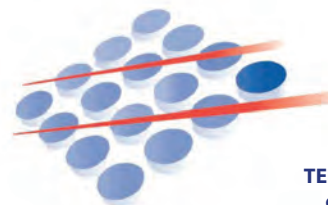
Dual Head Specifications

Infiltration Rate Range: 0.0038cm/hr to 115 cm/hr.
 Infiltration Resolution: 0.0038cm/hr.
 Infiltration Accuracy: +/- 5% of reading Water Level Maintained @ 5cm.
 Pressure Head Range: 0 to 40 cm.
 Operating Temperature: 0 to 50 °C.

Necessary Equipment

Ensure you have all the contents pictured here, access to water to fill the tank, charging adaptor and a three pound plastic mallett or metal hammer.

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|---|--------------------|---|--|
| A | Control Unit | + |  Water |
| B | Infiltrimeter Head | | |
| C | Water Tank | + |  Power |
| D | Driving Plate | | |
| E | Insertion Ring | | |
| F | Control Unit | + |  Mallet |



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