

# DUALHEAD INFILTROMETER



The new fully automated **DualHead Infiltrometer** measures ( $K_{fs}$ ), the ability of a porous medium to transmit water under saturated or nearly saturated conditions. The DualHead Infiltrometer 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 ( $\alpha$ ).

## Features

- Fully automated infiltration measurements
- Instant  $K_{fs}$  values without tedious post-processing
- Measure soil hydraulic properties - Sorptivity, and  $\alpha$ .

## Applications

- Infiltration measurements
- Permeability
- Hydraulic conductivity
- Soil hydraulic properties

## DualHead Specifications

Infiltration Rate Range: 0.0038 cm/hr to 115 cm/hr.

Infiltration Resolution: 0.0038 cm/hr.

Infiltration Accuracy:  $\pm 5\%$  of reading  
Water Level Maintained @ 5 cm.

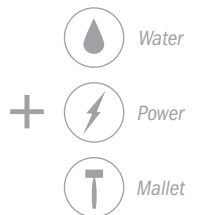
Pressure Head Range: 0 to 40 cm.

Operating Temperature: 0 to 50 °C.

## Included Equipment



- A Control Unit
- B Infiltrometer Head
- C Water Tank
- D Driving Plate
- E Insertion Ring
- F Control Unit



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