

Soil Moisture Profile Probe(PR2) with DataLogger (HH2)



Year of Purchase: 2020

Cost: 8.92 Lac

The PR2 soil moisture probe is built around patented sensing technology which provides unprecedented performance in all soil types, with minimal influence from either salinity or temperature. The PR2/4 model measures soil moisture at 4 depths down to 40 cm – the PR2/6 measures at 6 depths down to 100 cm.

Specifications:

Measurement	Volumetric water content
Accuracy	$\pm 0.04 \text{ m}^3.\text{m}^{-3}$ (4%) With soil-specific calibration
Soil moisture measurement range	Full accuracy over: $0 \text{ to } 0.4 \text{ m}^3.\text{m}^{-3}$ Full range: $0 \text{ to } 1.0 \text{ m}^3.\text{m}^{-3}$
Salinity range	$50 \text{ to } 400 \text{ mS}.\text{m}^{-1}$
Temperature range	Full accuracy over: $0 \text{ to } 40^\circ\text{C}$

HH2 Meter

The HH2 is a versatile readout unit that provides an easy and convenient way to display and store readings from Profile Probes. With the HH2 and PR2 combination, a probe can be moved from access tube to access tube, enabling large amounts of soil moisture data to be collected at multiple sites.

Data Logging

For the SDI-12 interface version, order PR2/4-SDI-12 or PR2/6-SDI-12.

Please note that analogue and SDI-12 probes cannot be mixed on the same cable system

Loggers for analogue Profile Probes

Delta-T offers a choice of two data suitable data loggers. Both have dedicated PR2 Profile Probe input channels and connectors:

The DL6 Data Logger can log one PR2/6 or one PR2/4 Profile Probe

The GP2 Data Logger can log up to two PR2/6s or three PR2/4s