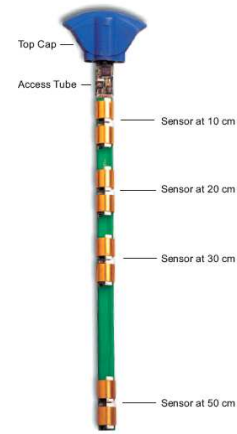




Microcom Design, Inc.

Soil Moisture Profiler Model EasyAG

P/N: SM-103-PF



The EasyAG is intended for cultivated soils of good tillage, commonly found in vegetable production areas. It is unsuitable for stony soils where the average stone size is greater than 10 mm; The EasyAG probe provides measurements at depths of 10 cm, 20 cm, 30 cm, and 50 cm. The probes can either include the standard water content sensors or the TriSCAN salinity sensors. 99% of the reading is taken within a 10 cm radius from the outside of the access tube.



The Easy-Ag works well paired with the Microcom Design Model STX Soil Temperature Probe.



Specifications:

Measurement Range: Oven Dry to Saturation

Accuracy: R2=0.89 based on field calibrations

Resolution: 0.008%

Precision: ±0.06% volume

Measurement Depths: 10 cm, 20 cm, 30 cm, & 50 cm

Temperature Operating Range: -20° to +75°C

Temperature Effect: ±3%, 5° to 35°C

MAX. Cable Length: 60m

Sensor Type: high frequency capacitance

Measurement Type: 16 bit pulse count

Output: SDI-12

Dimensions

Sensor Diameter: 1.04" (2.65 cm)

Access Tube Diameter: 1.26" (3.2 cm)

Current : 250 µA sleep, 66 mA standby, 100 mA sampling

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