

AquaCheck®

AquaCheck® offers a multi-depth, sub surface profiling capacitance probe that measures soil moisture and soil temperature from up to 6 depths (depending on the length of the probe).

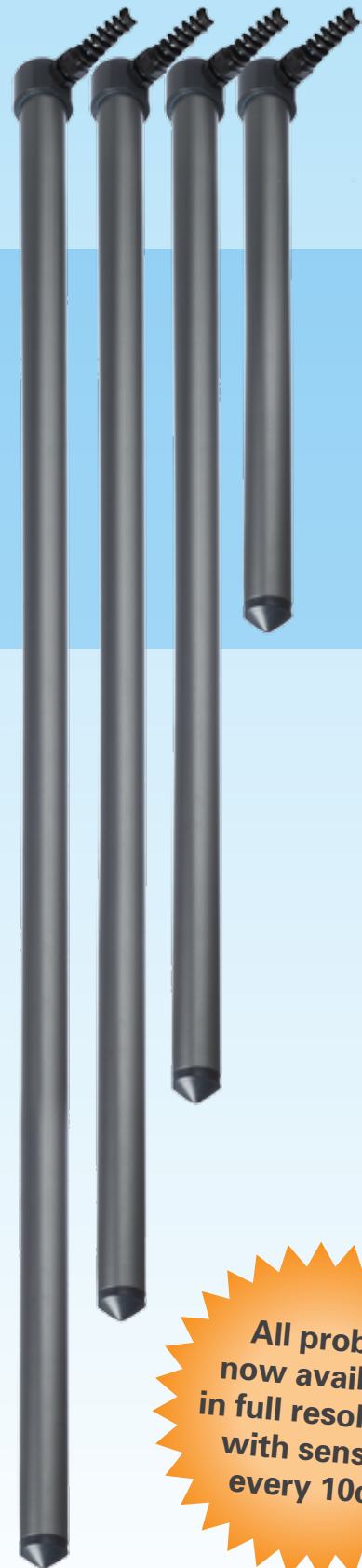
Data collection is dependent on a compatible external logger or remote transmission unit. Probes are available in either SDI-12 or MODBUS configurations.

General Specifications

- A capacitance based probe
- Completely sealed probe for sub surface installations
- Maintenance free operation
- Multi -depth profiling probe
- Probe lengths available are 400mm, 600mm, 800mm, 1000mm and 1200mm
- Up to 6 soil moisture and 6 soil temperature sensors; depending on probe length. Also available with sensors positioned every 10cm down the length of the probe
- Probe diameter 32mm
- Communication interface options
 - + SDI-12 (serial data interface, 1200bd)
 - + MODBUS, 2400bd
- Compliancy : CE certified
- Supplied with 5m 3 – core cable

Technical Specifications

- Voltage input: 3.3V to 14V
- Power requirement: 10uA (0,01mA) during idle; 20mA for 2 seconds during measurement
- Sensor Spacing: 10cm or 20cm (fixed)
- Sensor reading count: approximately 32000 for air and 1000 in water
- Sensor resolution: 0-100% in steps of 0.03% for SDI command set Approximately 13 bits
- Temperature Sensor: 0-51 Deg C, steps of 0.2 Degrees
- External power supply required



**All probes
now available
in full resolution
with sensors
every 10cm**

"OUR CUSTOMERS ARE OUR BEST ADVERTISEMENT"

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