

WET Sensor

WET-2 Water Content, Salinity and Temperature

WET is a compact, robust instrument that measures water content, pore water conductivity and temperature. WET can be easily inserted into composts and most soils with minimal disturbance to roots. It is particularly suited to mineral wool and other artificial substrates.

WET is able to calculate pore water conductivity (EC_p), which indicates the salinity of the water available to plant roots.

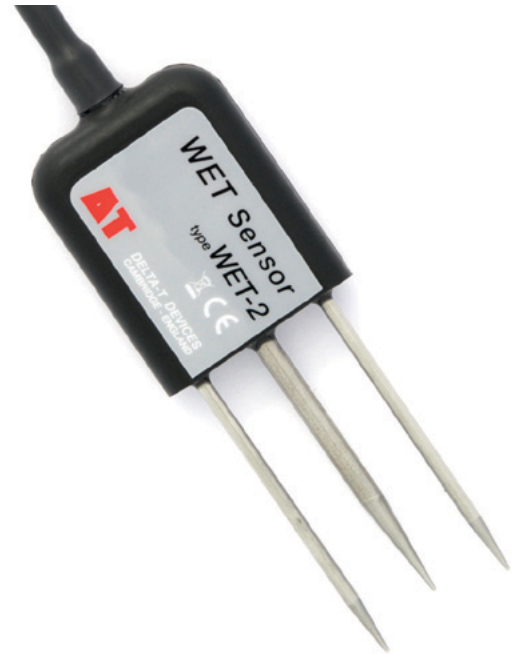
- **Moisture, Salinity and Temperature**
- **Low-maintenance instrument**
- **Easy to use**

WET will meet its full 3% accuracy specification after applying a medium-specific calibration. WET is supplied with default calibrations for generic mineral, organic, sand and clay soils. Special substrate calibrations can be ordered as a set, for a variety of horticultural media including coir, peat-based potting mixes and greenhouse "mineral" soils.

WET can be used with an HH2 Reader for recorded 'spot' measurements, or with a GP1 data logger for continuous monitoring. Each reading takes less than 5 seconds. The WET sampling volume is 500ml.

Applications

WET has applications in soil science, pollution monitoring, and horticulture, especially by soft fruit growers and for crops grown in protected environments, where correct growing conditions are critical to both yield and flavour. WET can also be used to monitor the build-up of salinity when irrigating with poor quality water, though it should not be used in conditions of high salinity.



Specifications for WET-2

Measurement Range	Moisture: 0 to 55 %
	Salinity: 0 to 1500 mS.m ⁻¹
	Temperature: -5 to 50 °C
Accuracy	Moisture: ± 3 %
	Salinity: ± 5 % from 0 to 600 mS.m ⁻¹ ; ± 10 % from 600 to 1500 mS.m ⁻¹
	Temperature: ± 1.5 °C

