Wireless EC/pH sensor (WQ)



- Measures EC and pH of drainage water
- Measurement results in µS/cm and pH
- Accurate wireless detection
- Battery life of over 5 years
- Compatible with all Wireless Value Base Stations
- Transmission range of 1,600 metres (line of sight)

Wireless EC/pH sensor (WQ)

WQ-ewinb





Description

WQ

The wireless EC/pH sensor is the ideal sensor for measuring the quality of drainage water. As this sensor is often used in combination with the drain sensor, it is supplied complete with a siphon and a mounting bracket for the growing trough.

Thanks to its robust design, this multi-sensor can also be used in other areas of greenhouse horticulture.

Some of the benefits of this sensor include:

- Improved efficiency: save time and resources thanks to rapid measurements and seamless data management.
- Unrivalled accuracy: rely on precise measurements for confident decision-making.
- Enhanced durability: say goodbye to fragile glass probes; our silicon-based sensor technology stands the test of time.
- Cost-effective: say goodbye to fragile electrodes and high maintenance costs. Our probe guarantees long-term performance and minimal downtime.

Wireless EC/pH sensor (WQ)

WQ-ewinb

Specifications

General

Battery type	AA
Colour	black
Battery life	over 6 years
Model	ABS measuring probe (replaceable), 12 mm diameter, 128 mm probe length
Type	Multi-sensor with 4-electrode EC sensor and glass-free ISFET semiconductor pH sensor

Measurement range

Operating temperature	0 - 80°C
Operating limits	0°C to +80°C
EC	50-111,800 µS/cm
pH	0 - 14 pH
Signal range	1,600 metres line of sight

Measurement accuracy

EC	1% = 50-12,880 µS/cm. 10% = 50-111,800 µS/cm
pH	± 0.02 pH

Measurement resolution

EC	0.5 nS/cm at 50-12,880 µS/cm, 50 nS/cm at 50-111,800 µS/cm
pH	0.01

Legislation and standards

RED (Radio Equipment Directive)	yes
CE	yes
EN 300 220	yes

Technical specifications

Battery voltage	3.6V
IP rating	IP65
Memory	10,000 measurements

Dimensions

Housing dimensions	105 (l) x 70 (w) x 32 (h) mm
Sensor dimensions	12 x 128 mm
Weight	87 gr. (excl. battery)