Wireless soil moisture sensor (DLXm-Teros10)

DLXm-Teros10-ewinb



- Simple soil moisture measurement
- Suitable for covered crops, soft fruit and open-field measurement
- Battery life of more than 5 years
- Compatible with all Wireless Value base stations

- Transmission range up to 1,600 metres with clear line of sight

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Description

DLXm-Teros10

The Wireless Value DLXm-Teros10 easily measures soil moisture using a robust sensor. Measurement results are transmitted wirelessly to the base station, where the data can be used for monitoring and analysis. Suitable for covered crops, soft fruit and open-field cultivation (avocado, orange, etc.).

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive IP65 ABS enclosure
- Existing system can be expanded easily with additional sensors
- Battery replaceable by user

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Specifications

General

Battery type	AA
Casing	IP65
Colour	Black
Battery life	Over 6 years
Model	Meter Group Teros 10

Measurement range

Operating limits	-20 °C to +80 °C
VWC	Mineral Soil Calibration: 0.00–0.64 m3/m3 Soilless Media Calibration: 0.0–0.7 m3/m3

Measurement accuracy

VWC	Mineral Soil Calibration: ±0.03 m3/m3 typical in mineral soils that have solution EC <8 dS/m. Soilless Media Calibration: ±0.05 m3/m3 typical in media that has a solution EC <8 dS/m. Medium Specific Calibration: ±0.01–0.02 m3/m3 in any porous medium

Measurement resolution

VWC	0.0010 m3/m3

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

Dimensions	190 (l) x 100 (w) x 43 (h) mm
Sensor dimensions	5.1 x 2.4 x 7.5 cm (probe)

Weight	270 grams