

Vantage Pro2 Sensoren

UV sensor



SENSORS

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art.no. 6490

UV sensor

It measures the intensity of the sunburning portion of the UV spectrum (UVA and UVB) and enables to display UV index, dose rate, and daily and accumulated dose. A multi-layer filter provides a spectral response that matches the Erythema Action Spectrum closely. The new comb structure provides an excellent cosine response at zenith angles up to 90°. A two-piece housing minimizes radiation heating, allows convection cooling of the sensor and prevents the trapping of water or dust.

scope of delivery:

- UV sensor
- 0.6 m cable

UV radiation dose	meas. range:	0.0 MEDs to 199.0 MEDs
	resolution:	0.1 MEDs
	accuracy:	±5 %
UV radiation index	meas. range:	0.0 bis 16.0
	resolution:	0.1
	accuracy:	±5 %
general information	transducer:	semiconductor photodiode
	Dimensions (H x W x D):	51 mm x 70 mm x 57 mm
	weight:	approx. 0.226 kg
	housing material:	UV-resistant ABS plastic
	spectral response:	280 nm to 360 nm
	cosine response:	±4 % of reading (0° to 65° incident angle); ±9 % of reading (65° to 85° incident angle)
	cable type:	4-conductor, 26 AWG
	connectors:	modular RJ-11
	attached cable length:	0.6 m
permissible operating temperature:	-40°C to +65°C	

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