



Kipp & Zonen METEON Data Logger

Product #: 0365910
USD Price: Contact Hach

Battery operated hand-held data logger with carrying case

The METEON is an accurate hand-held unit to be used in combination with a passive (non-powered) radiometer to display and record measurements of solar irradiance. Its small size, long battery life and accurate single voltage input make it an ideal tool for many test and field applications. Configuration with a computer is simple, using the supplied Windows™ software and USB interface cable. METEON displays real-time solar irradiance values in W/m^2 , or Photosynthetically Active Radiation (PAR) in $\mu\text{-mol}/m^2.s$. The input is bi-polar, so the large 4-digit display can show both positive and negative values and METEON can be configured for other types of sensors with an analogue output up to 200 mV. METEON measure twice per second and the data logging function can be configured to store values at a selectable interval.

Easy setup

The supported sensors are pre-programmed in the setup software.

Real time data and logging

The small LCD display shows real time irradiation data, up to 3500 data point can be stored.

Long battery life

The low power electronics used to show and log data from analog instruments allow logging up to 7 weeks on just 2 AA batteries.

Specifications

Accuracy:	0.1 % (0.1W)
Analog Inputs:	1 x bi-polar 16-bit
Battery Type:	2 x AA
Communication:	USB
Display:	Yes, 1 line
Input Range:	6.25 - 200 mV
Input Voltage:	2 x AA internal
Memory:	Internal for 3518 samples
Number of Analog Ports:	1
Power Consumption:	battery life 50 days
Serial Input:	n.a.
Temperature Range:	14 - 104 °F (-10 - 40 °C)