



Features

- Precise portable UV meter
- Measurement of intensity and dose
- Automatic identification of AC and DC lamps
- Wide dynamic range (> 5 decades)
- Fast signal capture (up to 2 kHz)
- Different sensors connectable with automatic sensor identification
- Configurable measurement methods
- Communication via USB or RS485
- Integrated clock
- Integrated temperature sensor

Brief Description

- Optimal measurement device for quality control
- Internal data storage of up to 4000 measurement dates
- Traceability through recording of all quality relevant measurement dates with date/time, temperature and meter settings
- Calibration on up to three UV lamps
- PC control via USB or IO interface
- PC software with graphical representation
- Command interface
- Connection for external trigger

Technical Data

Power

Power Supply	Via USB or optional External Voltage (+24V DC)
Power Consumption (without detector)	USB: approx. 200 mA External 24V: 50 mA

Storage Conditions

Temperature	-20 .. 70°C
Rel. humidity (not condensating)	≤ 70 %
Air Pressure	300-1060 hPa

UV LOG USB and UV LOG 485

Operating Conditions

Temperature	10°C .. 50°C
Rel. humidity (not condensating)	≤ 70 %
Air Pressure	300-1060 hPa
Degree of Protection	IP52
Housing Material	Aluminium
Dimensions LxBxH	86 x 86 x 36 in mm
Weight	180g at 1-Kanal 190g at 4-Kanal
Interface	USB or RS485
Inputs (Triggerung)	5V DC - 24V DC Level
Outputs	5V DC oder 24V DC Level (depends on external voltage)
Sensor Connector	8-pin M8 Connector
Sensor Inputs	Voltage 0..4V
Input Impedance	7 kΩ
Measurement Range	Voltage 0 - 4V positive
Mistake uncalibrated	1% FS (0°C .. 50°C)
calibrated	0.5% FS (0°C .. 50°C)
Measurement Storage	4000 Dates
Measuring	Continuous, Triggered, Interval 1s – 100000s
Displayed Temperature - Meter	±2°C Absolute, ±1% Variation
Displayed Temperature - Sensor	±0.5°C Absolute, ±1% Variation



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