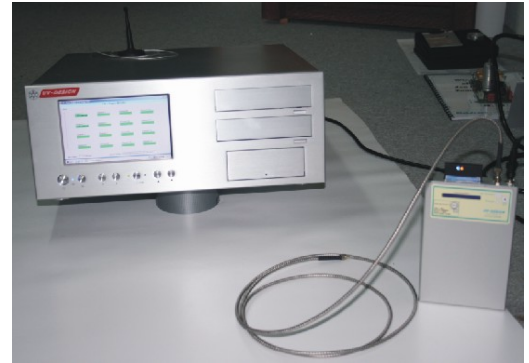


UV-Monitoring PC2516

- + up to 16 channels
- + individual UV measuring of 16 lamps
- + MINI ITX computer in 19" rack
- + radio controlled keyboard
- + TFT monitor 7"
- + UV intensity in % rel. (option: mW/cm²)
- + display of 16 lamps simultaneously
- + Alert function
- + optical light guides for temp. up to 350 °C / 660°F (option)



The UV-Monitoring PC2516 is a stationary, Mini ITX computer based surveillance system for UV Curing systems.

Permanent measuring and indication of the UV-Intensity of up to 16 UV lamps.

The system is based on a MINI IDX computer installed in a 19" rack and comes with radio-controlled keyboard. Display of the actual lamp power in % rel. or optionally mW/cm² for up 16 lamps simultaneously on a built in 7" TFT screen .

According to the customers' requirements, the UV-Monitoring PC2516 system is available in various configurations. Any combination of up to 16 individual sensors, UV, UV-A, UV-B, UV-C or UV-V can be configured.

The UV-Monitoring System PC2516 is available with cabled sensors or data transmission between sensors and base station via WLAN.

For measuring in high temperature environment above 70°C / 158°F optical light guides are optionally available that reach up to 350 °C / 660°F.

Water-proof housings particularly for UV-C sensors are available

Ordering information:

- 60.1 UV-Monitoring PC2516**
- 60.2 UV-Monitoring PC2516 Wireless LAN**
- 60.2.1 WLAN Transmission Set for UV-Monitoring PC2516**

Sensors with cable connection:

- 60.1.1 Sensor UV 250-410 nm**
- 60.1.2 Sensor UV-A 315-410 nm**
- 60.1.3 Sensor UV-B 280-315 nm**
- 60.1.4 Sensor UV-C 230-280 nm**
- 60.1.5 Sensor UV-C 160-200 nm**
- 60.1.5 Sensor UV-C 160-200 nm**
- 60.1.6 Sensor UV-C 160-240 nm**
- 60.1.7 Sensor UV-C 160-260 nm**
- 60.1.8 Sensor UV-V 395-445 nm**
- 60.6 Pressure housing**

UV-Monitoring PC2516

Windows CE evaluation software is included and enables the user to synchronise the UV-Data Sampler 1-8 Channel with a PC via RS232.

Technical Data:

| | |
|--------------------------------|---|
| Measuring range: | 0 to 5,000 mW/cm ² |
| Dose range: | 0 to 65,000 mJ/cm ² |
| Dynamic range: | 0 to 1,500 mW/cm ² |
| Amplification: | x1, x10, x100, +adjustable |
| Sample rate: | 0.002 sec to 24 h* |
| Recording time: | 6 min to 12 months (with 16 channels)* |
| Power source: | 110 – 240 V 50 cyc. |
| Power consumption: | 60 mA |
| Dimensions: | base unit : |
| Base unit PC2516: | approx. 19" x 4"x 8" (480 mm x 100 mm x 200 mm) |
| Sensors : | round approx. 1.5" x .35" (40 x 10 mm) |
| Sensors : | round approx. .35" x 1.5" (40 x 10 mm) |
| Sensors : | round approx. M10 x .1.5" (M10 x 30 mm) |
| length of sensor cable: | 2 m (80") |
| Temperature range: | 158° F / 70° C |
| length of optical light guide: | 2 m (80") – option – |
| Temperature range: | 660° F / 350° C |
| Weight: | approx. 20 lbs. (9 kg) |
| Base Accuracy: | ± 5 % |

