

# CLEARVIEW™

## UV C Radiometer



The compact and durable ClearView™ UV C Radiometer



ClearView™ is water resistant down to 6.6 ft

The ClearView™ UV C Radiometer, the latest UV radiometer product released to the market by Con-Trol-Cure, is designed to be a simple, inexpensive measurement device which delivers precise, instantaneous irradiance readings. Engineered to be extremely portable and versatile, the ClearView™ is optimal for assuring germicidal UV C lamp performance both in and out of water. The ClearView™ uses an extremely stable solid-state photodiode detector with a low temperature coefficient to isolate the UV-C radiation. It does not allow any out-of-band signal to contaminate the reading.

The UV C probe comes standard with a 10 ft. cable and is hermetically enclosed for submersion to 6 ft. The compact, size of the ClearView™ is ideal for bench-top and field use. The simple and reliable operation is well suited for even novice users.

*Process control setting:* The ClearView™ can assist equipment operators and managers alike to optimize the UV C process equipment by proactively monitoring UV light sources.

### Advantages:

- **Custom Configurations**

Con-Trol-Cure® ClearView™ UV C technology can be custom configured and packaged for integration into process equipment.

- **Remote Probe Flexibility:**

The ClearView™ comes standard with a UV C (220-280nm) remote probe hermetically enclosed and submersible to 2m (6.5').

- **NIST Traceable:**

The ClearView™ is calibrated using a NIST traceable standard.

- **Low Cost and Rugged:**

Our UV Radiometer products are built to last. Rugged construction inside and out means dependability at a low cost to end-users.

### Applications:

- Quality assurance of light source.
- Reliable UV C hazard monitoring.
- Quality assurance of sanitation and disinfection process used in:
  - *Food and beverage disinfection*
  - *Water and Wastewater disinfection*
  - *HVAC disinfection*
  - *Germicidal UV treatment for pharmaceutical and medical systems*

## 24-HOUR PRODUCT SERVICES

Internet: [www.uvprocess.com](http://www.uvprocess.com)

E-mail: [info@uvps.com](mailto:info@uvps.com)



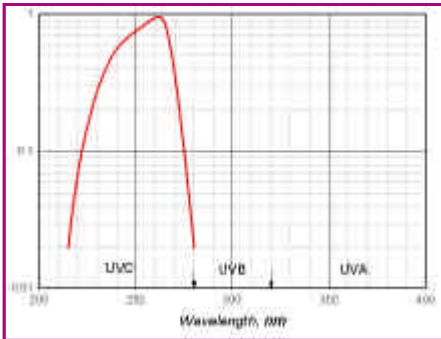
**UVPS®**  
UV PROCESS SUPPLY, INC.

# CLEARVIEW™

## UV C Radiometer

### Specifications

Response Range	220- 280 nm (UV C)
Peak Response	260 nm
Efficiency Response at 254nm	90%
Irradiance Range	0 - 20 mW/cm <sup>2</sup>
Resolution	10 uW/cm <sup>2</sup>
Accuracy	± 5% typical; ± 10% max (for reading >0.2 mW/cm <sup>2</sup> )
Sensor (remote)	SiC Photodiode
Conv. Rate	2.5 Readings/Sec
Display	3.5 Digit LCD (digit size 0.35 inch high)
Oper.Temp	60° F to 95° F (15° to 35° C)
Oper. Humid.	15% to 80% RH
Dimensions - Radiometer	3" L x 2.5" W x 1.05" D (76 x 64 x 27mm)
Dimensions - Remote Probe	0.87" Dia x 0.4" H (22 x 10 mm) head
Remote Probe Cable	10' length
Weight - Radiometer	3.7 OZ (105 g) incl. battery
Weight - Remote Probe	1.3 OZ (37 g)
Power Source	9-Volt battery (not included in package) 6AM-6PI or MN1604 (6LR61) alkaline battery recommended.
Supply current	0.35 mA max
Low Battery operating level	3.7 V
Battery Life	>1000 hrs continuous operation



**Spectral Response**

### 24-HOUR PRODUCT SERVICES

Internet: [www.uvprocess.com](http://www.uvprocess.com)

E-mail: [info@uvps.com](mailto:info@uvps.com)



**UVPS®**  
**UV PROCESS SUPPLY, INC.**