

# MICROLOG D™ RADIOMETER

Our Thinnest Pass Through Radiometer



The CON-TROL-CURE® UV-MICROLOG D™ is an extra thin (only 1/4" flat) self-contained UV data logging radiometer. This revolutionary unit is perfect for fitting into UV curing systems that bulkier models cannot. Contained in its sleek case is a sophisticated microprocessor that **measures UV Intensity (mW/cm<sup>2</sup>), UV Dose (mJ/cm<sup>2</sup>), and Temperature.**

The resulting measurements can be viewed 2 ways: either numerical results via the on-board display or downloaded through a USB computer link. Once the measured data is downloaded to a computer, you are then able to show a graphical representation of the UV Intensity Profile, the Peak Intensity, the Total Dose, and Temperature.

An Auto Off function shuts down the unit after one minute of inactivity to save battery energy. Special data acquisition software is included with each unit.

Available with an LCD as shown, or without. The UV-Microlog 6, the unit that is without an LCD, connects to a computer to display its readings.

## SPECIFICATIONS:

Spectral Range:	UV 230 - 400 nm
Max. Power Input:	0 to 5,000 mW/cm <sup>2</sup>
Measuring Period:	30 sec.
Sampling Rate:	0.005 sec (200/sec)
Display:	LCD, 2 lines x 16 digits
Power Source:	2 x long life 3.0 V Lithium Battery
Power Consumption:	20 µA
Battery Service Life:	2,000 hrs
Dimensions:	4.5" x 2.5" x 0.25" (117 x 64 x 6mm)
Weight:	3 ounces (85 g)



At only 1/4" thick, the UV Microlog D is the thinnest pass through radiometer available!

While on the conveyer belt, the UV-MICROLOG D can withstand 110°C (230°F) for up to 10 seconds. The temperature of the housing should not exceed 45°C (113°F).

PART NUMBER	DESCRIPTION
M007-106	UV-MICROLOG D RADIOMETER
M007-107	UV-MICROLOG 6 RADIOMETER

## 24-HOUR PRODUCT SERVICES

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