

# MICRO PUCK™ RADIOMETER

The MICRO PUCK™ is a unique instrument that enables UV measurement in extremely difficult to access environments. Compact UV sensors make it possible to measure UV Dose even in most confined UV curing units. The MICRO PUCK system consists of two parts: a hand-held base unit with a display and a UV sensor. Simply plug the sensor into the base unit to view the measured results. The MICRO PUCK is available in four different measuring ranges:

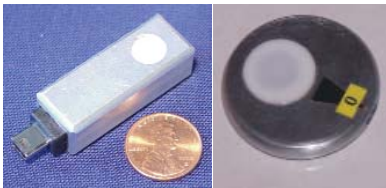
- UV-A (315 - 400nm)
- UV-B (280 - 315nm)
- UV-C (230 - 280nm)
- Full UV (230 - 400nm)

While the MICRO PUCK reads from only one sensor, a multi sensor compatible base unit is also available. The MICRO PUCK MULTI, can accommodate up to 8 sensors that read from the same base unit. This system can combine sensors from different UV spectral ranges, allowing for full spectrum, 3-D UV evaluation.

The sensors are available as either a rectangular or a round model. Both sensors work with both base units and are available in each of the 4 different UV measuring ranges.



Micro Puck Radiometer



Micro Puck Multi

## SPECIFICATIONS:

Spectral Range:	UV-A, UV-B, UV-C, or Full UV
Max. Power Input:	0 to 5,000 mW/cm <sup>2</sup>
Display Range:	0 to 1,999 mJ/cm <sup>2</sup> (standard) or 0 to 19,990 mJ/cm <sup>2</sup> (x10 type)
Power Source:	2 x 2,000 hrs 3.6 V Lithium Battery
Sensor Max. Temp.:	110°C (230°F) for up to 10 seconds
Dimensions of Reader:	5.5" x 3" x 0.4" (140 x 75 x 10mm)
Dimensions of Sensor:	Rectangular: 1.5" x 0.6" x 0.5" (40 x 15 x 12mm) Round: Diameter 1.5" x 0.35" (40 x 9mm) Round (only M007-144): 1.5" x 0.25" (40 x 6mm)

PART NUMBER	DESCRIPTION
M007-130	MICRO PUCK RADIOMETER: FULL UV
M007-131	MICRO PUCK RADIOMETER: UVA
M007-132	MICRO PUCK RADIOMETER: UVB
M007-133	MICRO PUCK RADIOMETER: UVC
M007-135	MICRO PUCK MULTI RADIOMETER: FULL UV
M007-136	MICRO PUCK MULTI RADIOMETER: UVA
M007-137	MICRO PUCK MULTI RADIOMETER: UVB
M007-138	MICRO PUCK MULTI RADIOMETER: UV
M007-140	MICRO PUCK SENSOR RECTANGLE: ALL UV
M007-141	MICRO PUCK SENSOR RECTANGLE: UVA
M007-142	MICRO PUCK SENSOR RECTANGLE: UVB
M007-143	MICRO PUCK SENSOR RECTANGLE: UVC
M007-144	MICRO PUCK SENSOR ROUND: ALL UV
M007-145	MICRO PUCK SENSOR ROUND: UVA
M007-146	MICRO PUCK SENSOR ROUND: UVB
M007-147	MICRO PUCK SENSOR ROUND: UVC