

# EIT RADIOMETER

## UV GERMICIDAL RADIOMETERS

### INTRODUCTION



UVKey® g254 UVC Radiometer

The UVKey® g254 is a compact, UVC radiometer developed by EIT 2.0 LLC, specifically optimized for 254 nm germicidal UV measurements. It is ideal for environments where precise control and traceable measurement of UVC energy (dose) is critical, such as hospitals, medical offices, long-term care facilities, and research labs.

### Key Features

Feature	Description
Optimized for 254 nm	Designed for germicidal UVC measurements
Accurate & Reliable	NIST-traceable calibration; ±5% typical accuracy
Simple Operation	Single-button use with clear 4-digit LCD display
Compact Design	Small size (2.0” × 1.5”) minimizes shadowing during use
Dose Display	Shows energy in mJ/cm² or J/cm² with automatic unit switching
Repeatable Results	High consistency run-to-run and between devices
No Color Interpretation	Eliminates subjectivity of UV-sensitive films
Durable Build	IP67-sealed against dust and fluids; RoHS3 compliant
Affordable	Cost-effective solution for accurate UV dose monitoring
Subscription Plans	Available for ongoing calibration and support

### Specifications

Spec	Value
Spectral Response	245–265 nm, OD >4 blocking outside this range
Full Scale Range	Up to 10 mW/cm²
Threshold Sensitivity	10 µW/cm² (typical)
Display Range	0.001 mJ/cm² to 999.9 J/cm² (auto units switch)
Accuracy	±5% typical, ±10% max
Repeatability	<0.5% typical, <1% max
Sample Rate	1 Hz (1 reading/second)
Display	4-digit LCD, floating decimal
Operating Life	6 months from user activation, plus 1-month grace period
Calibration Validity	6 months or 500 J/cm² max (whichever comes first)
Size / Weight	2.0” × 1.5” × 0.5” (50.8 × 38.1 × 12.7 mm) / 19.8 g
Battery	Lithium manganese dioxide (non-rechargeable)
Housing	Thermoplastic polymer, IP67 sealed
Temp Range	Operating: +10°C to +50°C; Storage: -30°C to +70°C

*\*Specifications are subject to change without notice.*

Authorised distributor:

\*\*To find out more, please visit our website: [www.vyns.tech](http://www.vyns.tech) & contact our distributor

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