Vyns EIT 2.0

RADIOMETER

EIT radiometers are trusted tools for UV measurement, offering high accuracy, full UV band coverage, and reliable data logging. With options from basic to advanced profiling (including USB transfer and temperature logging), they suit production, R&D, and QA needs. Their durable design, instant readiness, and proven global performance make them ideal for consistent UV process control.

UV POWER PUCK II

UVICURE PLUS II

Feature	UV Power Puck® II	UviCure® Plus II
UV Bands Measured	Four bands simultaneously: UVA, UVB, UVC, and UVV	Single band only (UVA, UVB, UVC, or UVV – selected at purchase)
Display Mode	All-channel mode to display data from all four bands	Displays only the selected UV band
Application Suitability	Ideal for multi-band monitoring and advanced diagnostics	Best for basic monitoring of a specific UV band
Data Coverage	Provides comprehensive spectral data	Provides focused data on one band

- Measures Both Parameters: Irradiance (W/cm^2) and Energy Density (J/cm^2)
- Graph Display: Shows irradiance profile over time
- One-Button Operation: Quick and easy to use
- Reference Mode: Compares current readings with stored data
- Multiple Dynamic Ranges: High / Mid / Low settings for different intensity levels
- Optional Profiler Version: Allows data transfer and analysis on PC via PowerView Software® III

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UV POWER PUCK II PROFILER

UVICURE PLUS II PROFILER

Feature	UV Power Puck® II PROFILER	UviCure® Plus II PROFILER
UV Bands	Measures 4 bands simultaneously: UVA, UVB, UVC, UVV	Measures only 1 band (selected at purchase)
Best Use For	Advanced profiling, diagnostics, full system analysis	Targeted band monitoring, basic profiling
Data Detail	Captures more complete UV spectrum data at once	Captures data for one selected UV band only
Included Bands	All four bands included	Only one band included (customized per order)

UV Measurement Types:

Both measure

- Irradiance (W/cm²)
- Energy Density (J/cm²)
- Irradiance Profile (Power vs Time)

Operation Modes:

- Standalone meter
- PC-connected profiler mode

Sampling Rates:

- Profiler mode: 128 Hz
- Display sampling: 25 Hz / 128 Hz / 2048 Hz (adjustable)

Data Storage:

- Stores 100+ minutes of profiling data
- USB data transfer to PC

Software Compatibility:

- Compatible with PowerView Software® III
- Supports export to Excel (*.tdms format)

Dynamic Ranges:

- Available in High / Mid / Low options

Calibration:

- Comes with NIST-traceable calibration certificate

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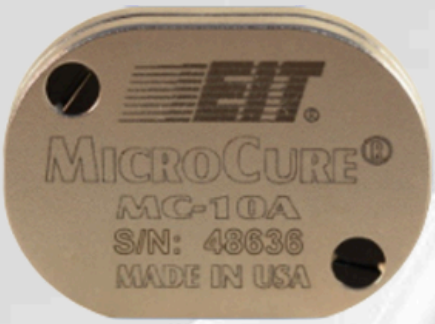

MICROCURE

- Compact and precise UVA radiometer for targeted UV measurements.
- Measures both irradiance and energy with high-speed 2048 Hz sampling for accurate peak detection.
- Single-band (UVA) sensor fits into tight curing spaces—perfect for bottles, tubes, and cards.
- Easy one-button operation with numerical display via DataReader.
- Available in multiple intensity ranges, battery-powered for up to 200 readings or 1-year standby.
- A reliable solution for small-scale UV curing applications.

- High-performance UV radiometer with an ultra-wide dynamic range (100,000:1) and smart autoranging for precise measurements.
- Displays peak irradiance, total energy, and exposure time—all in one compact device.
- Features an electrically insulated, heat-resistant light guide for safe use in harsh or confined curing environments.
- Simple one-hand operation with intuitive membrane switches.
- Available in UVA, UVB, or UVV (select at purchase) and powered by two replaceable AA batteries.
- Perfect for both high-intensity UV curing and detecting low-level stray UV.

A trusted tool for process validation, system calibration, and comparison with on-line sensors.

PALM PROBE

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SPOTCURE

- Powerful, pocket-sized UV meter for precise spot curing.
- Real-time readings up to 200W/cm² with one-button ease.
- Fits various light guides and spectral ranges (250–445nm).
- Optimize performance, ensure quality, and meet ISO standards—anytime, anywhere.

3D CURE

- Measure UV across up to 32 points with real-time precision.
- Cosine-corrected sensors (UVA–UVV) mount flexibly on 3D parts, curves, or moving lines.
- Tethered mode enables instant system adjustments; data logs up to 60 mins.
- Rechargeable, compact module with minimal cabling and A/C support.
- Includes positioners for repeatable tests and consistent results.

Visualize irradiance and energy via Cure3D™; export to Excel® or integrate with ActiveX®.

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UV POWER PUCK FLASH

- Designed for high-speed pulsed UV systems, including UV LEDs and flashlamps.
- Captures microsecond-level pulses (10 µs) to measure peak irradiance (W/cm²) and energy density (J/cm²) with precision.
- Simultaneous multi-band display (UVA, UVB, UVC, UVV—model dependent) for full-spectrum insights.
- Rugged and compact build withstands harsh industrial environments.
- Real-time graphical display with pass/fail mode for instant production line checks.
- Simple one-button operation, intuitive menu navigation, and USB data export for fast reporting and analysis.
- Rechargeable and portable—ideal for medical device manufacturing, electronics, and advanced UV bonding processes.

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LED

LED CURE FOUR BAND PROFILER

LED CURE PROFILER

LED CURE

LEDMAP

Similarities

Feature	Description
LED-Specific	All models are designed for UV LED sources: L-365, L-385, L-395, and L-405 nm.
Measured Parameters	Each unit measures Irradiance (W/cm²) and Energy Density (J/cm²).
Application Areas	Ideal for UV LED curing, used in printing, coating, manufacturing, and R&D.
Robust Design	All models feature a durable, compact form factor, suitable for industrial environments.
Measurement Simplicity	Easy-to-use interface with real-time results.
Calibration Standard	Traceable calibration with high accuracy for reliable readings.

Feature	LEDCure® Standard	LEDCure® Profiler	LEDCure® Profiler Four Band	LEDMAP™
Spectral Bands	Single band (choose L-365, 385, 395, or 405 nm)	Single band	Four bands (L-365, 385, 395, 405) simultaneously	Single band
Profiling Capability	❌ None – Displays peak values only	✅ Yes – Graph view	✅ Yes – Simultaneous 4-band profiling	✅ Yes – Includes temperature profile
Temperature Logging	❌ Not available	❌ Not available	❌ Not available	✅ J-type thermocouple support
PC Connectivity	❌ No	✅ USB download supported	✅ USB download supported	✅ USB & software download
Graph Display	❌ No graph view	✅ Irradiance profile graph	✅ Four-band profile graphs	✅ Irradiance & temperature graphs
Sampling Rate	N/A	128 Hz	128 Hz (all bands)	Adjustable (128–2048 Hz)
Memory Capacity	None	Over 100 minutes	Over 100 minutes	Up to 65 minutes @ highest sample rate
Primary Use Case	Quick spot checks, pass/fail production tool	Process analysis & troubleshooting	LED R&D, multi-wavelength system evaluation	Continuous systems, multi-lamp profiling, thermal behavior study

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UV POWERMAP II

- Capture complete UV and temperature profiles in one compact device.
- The Four-Band UV Radiometer measures UVA, UVB, UVC, and UVV simultaneously—alongside irradiance, energy density, and real-time pulse profiles.
- Includes temperature tracking via J-type thermocouple for deeper process insight.
- 60% smaller than the original PowerMAP, with adjustable sampling rates (128–2048 Hz) and up to 65 minutes of onboard storage.
- Dual dynamic ranges ensure accuracy across high- and low-intensity systems.
- Seamless USB data transfer to PowerView Software® III for graphing, comparison, annotation, and Excel export.
- Perfect for R&D, system validation, and process optimization in demanding UV environments.
- Includes all essentials: charger, thermocouple, USB cable, flash drive, and protective case.

**To find out more, please visit our website: www.vyns.tech & contact our distributor

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