

**Aumictech**

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Data Sheet

August 1, 2026

EIT

EIT SP1-365-EIT Rev. A SpotCure Intensity Meter

EIT SP1-365-EIT Rev. A SpotCure Intensity Meter,"Designed to monitor UV light intensity in curing systems. Compact and portable with easy-to-read digital display. Ensures consistent UV output for process control and quality assurance in industrial UV curing applications."



MODEL

EIT SP1-365-EIT

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SP1-365-EIT

LISTING

<https://aumictechlabs.com/products/sp1-365-eit-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EIT SP1-365-EIT Rev. A SpotCure Intensity Meter is a handheld electro-optic instrument for real-time measurement of UV light intensity in spot curing systems. This portable device quantifies UVA irradiance to monitor lamp performance, detect light guide degradation, and verify process control. Its compact flashlight design enables single-handed operation in production environments, with interchangeable adapters accommodating multiple light guide sizes. Technical Specifications Spectral Response: UVA (320–390 nm) Intensity Range (Standard): 0–19.99 W/cm² Intensity Range (Extended): 0–99.9 W/cm² Resolution (Standard): 10 mW/cm² Resolution (Extended): 100 mW/cm² Accuracy: ±10%; ±5% typical plus ±0.3% of full scale Operating Temperature: 0–70 °C Display: 3½ digit LCD with 3-minute hold time Power: Lithium battery stick; exceeds 100,000 readings Dimensions: 6.40" L × 1.74" diameter (16.26 × 4.42 cm) Weight: 12.8 oz. (358 g) Materials: Aluminum, polyester, quartz Key Features Direct measurement of UV irradiance from spot curing systems Display-hold function freezes readings for documentation

Multiple light guide adapter sizes included (5 mm, 7 mm, 10 mm) NIST traceable calibration certificate supplied Battery life: 12,500 hours continuous operation Typical Applications Monitor and verify UV spot curing system output Measure individual UV lamp performance degradation Assess light guide contamination and optical losses Optimize light guide positioning and alignment Validate small-area curing process parameters Determine material-specific UV intensity requirements Evaluate and compare UV curing equipment performance

Features & description

From manufacturer datasheet

Features

- Portable flashlight-form UV intensity meter
- UVA response 320-390 nm
- Standard range 0-19.99 W/cm² (SP1-365-EIT)
- 3.5-digit LCD; display hold about 3 minutes
- Lithium battery stick; greater than 100,000 readings class life
- Three light-guide adaptors: 5, 7, and 10 mm
- NIST-traceable calibration certificate (as supplied by OEM)
- Carry case and quick guide

SP1365EIT Characteristics / Specifications

PARAMETER	VALUE
Model	SP1-365-EIT (Rev. A)
Manufacturer	EIT / EIT 2.0 LLC
Instrument Type	SpotCure UV intensity meter
Spectral Response	UVA 320-390 nm
Intensity Range (standard)	0 to 19.99 W/cm2
Resolution (standard)	10 mW/cm2
Accuracy	+/-10%; +/-5% typical plus +/-0.3% of full scale
Operating Temperature	0 to 70 C
Display	3.5-digit LCD
Display Time	approximately 3 minutes
Power Source	Lithium battery stick
Battery Life	about 12,500 hours continuous / over 100,000 readings class
Dimensions	Overall 6.40 inLx 1.74 in diameter (16.26 × 4.42 cm); measurement head 2.13 in diameter (5.41 cm)
Weight	12.8 oz (358 g)
Materials	Aluminum, polyester, quartz
Supplied Adaptors	5 mm, 7 mm, 10 mm light-guide adaptors Related Model
Three light-guide adaptors	5, 7, and 10 mm

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 70 C
Operating Temperature	0 to 70 C
Display	3.5-digit LCD
Display Time	approximately 3 minutes
Power Source	Lithium battery stick
Battery Life	about 12,500 hours continuous / over 100,000 readings class
Dimensions	Overall 6.40 inLx 1.74 in diameter (16.26 × 4.42 cm); measurement head 2.13 in diameter (5.41 cm)
Weight	12.8 oz (358 g)
Materials	Aluminum, polyester, quartz
Supplied Adaptors	5 mm, 7 mm, 10 mm light-guide adaptors Related Model

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance as lamps, light guides, and reflectors degrade. The standard-range SP1-365-EIT covers 0-19.99 W/cm2 with UVA spectral response of 320-390 nm. Rev. A identifies a hardware revision on the unit label. An extended-range variant SP1-365-EIT-ER covers 0-99.9 W/cm2.

Applications
Production monitoring of UV spot cure intensity; process validation and equipment comparison; maintenance checks on lamps, light guides, and reflectors; laboratory UV irradiance measurement in the UVA band.

- Key Features**
- Portable flashlight-form UV intensity meter
 - UVA response 320-390 nm
 - Standard range 0-19.99 W/cm2 (SP1-365-EIT)
 - 3.5-digit LCD; display hold about 3 minutes
 - Lithium battery stick; greater than 100,000 readings class life
 - Three light-guide adaptors: 5, 7, and 10 mm
 - NIST-traceable calibration certificate (as supplied by OEM)
 - Carry case and quick guide

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	SP1-365-EIT (Rev. A)
Manufacturer	EIT / EIT 2.0 LLC
Instrument Type	SpotCure UV intensity meter
Spectral Response	UVA 320-390 nm
Intensity Range (standard)	0 to 19.99 W/cm2
Resolution (standard)	10 mW/cm2
Accuracy	+/-10%; +/-5% typical plus +/-0.3% of full scale
Operating Temperature	0 to 70 C
Display	3.5-digit LCD
Display Time	approximately 3 minutes
Power Source	Lithium battery stick
Battery Life	about 12,500 hours continuous / over 100,000 readings class
Dimensions	Overall 6.40 inLx 1.74 in diameter (16.26 x 4.42 cm); measurement head 2.13 in diameter (5.41 cm)
Weight	12.8 oz (358 g)
Materials	Aluminum, polyester, quartz
Supplied Adaptors	5 mm, 7 mm, 10 mm light-guide adaptors

Related Model

SP1-365-EIT-ER: Extended range 0-99.9 W/cm²; resolution 100 mW/cm²

Standard Operating Conditions

Use the matching light-guide adaptor. Do not exceed the rated intensity range of the standard meter. Operate within 0-70 C. Follow EIT procedures for sensor face cleanliness.

Operational Notes

Confirm Rev. A label and that the unit is standard range (not -ER) before quoting 19.99 W/cm² full scale. SpotCure measures intensity (W/cm²), not dose (J/cm²).

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.