

GEMINI™

Lightweight, Compact Radiometer/Dosimeter



CON-TROL-CURE® Gemini radiometer

Product Benefits

The Gemini is a lightweight, compact radiometer/dosimeter that measures both the UV dose (energy) and UV irradiance inside UV equipment. With calibration traceable to the National Institute of Standards (NIST), the Gemini measures UV-A wavelengths, with results displayed in an easy-to-read LCD window.

The Gemini is heat tolerant up to 75 °C with a programmed automatic shutoff in the event internal temperature exceeds 80 °C. Two standard AAA size batteries power the Gemini.

Curing Applications

Using the Gemini to measure the UV output of your lamps allows lamp replacement only when necessary. UV lamp deterioration over time causes less UV energy to reach a surface resulting in curing problems. Undetected curing problems can lead to costly downtime.

By monitoring UV output levels on a regular basis, deteriorating lamp performance can be identified and preventive maintenance scheduled at convenient, less costly times.

Item No.
M007-101

Description
GEMINI A ONLY

Product Features

- UV is measured by a built-in photodiode
- Digital LCD readout
- Powered by two standard AAA batteries
- Low battery and internal high-temperature alarms
- Measures irradiance, dose, and temperature
- Operates in temperatures 0 - 75°C (32-167°F)
- NIST traceable narrow band calibration
- Automatic timeout (5 min) and max temperature shutoff (80°C)
- Compact, portable and easy to use

Other Applications

- Use in curing applications of inks, adhesives, soldermasks, and epoxies.
- Process development.
- UV source evaluation.
- UV uniformity mapping.
- Measure individual UV lamp performance.
- Establish UV level for proper curing
- Screenprint emulsions and curing.

24-HOUR PRODUCT SERVICES

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UV PROCESS SUPPLY, INC.