



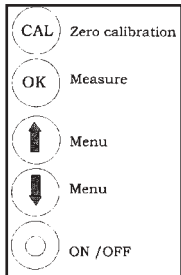
CON-TROL-CURE®

RAD CHECK UV MEASURING SYSTEM

Provides linear, numerical measurement of UV and EB dose for establishing precise performance benchmarks - now available in 300 and 1400 mJ/cm²



Rad Check Dosimeter controls include a calibration feature to ensure accuracy.



By producing a linear, numerical benchmark of UV and EB system performance, the **CON-TROL-CURE® Rad Check UV Measurement System** provides repeatable evaluation results over extended periods of use. Incorporating a UV/EB-detection dosimeter and disposable UV- and EB-sensitive test strips, the Rad Check system does not require outside calibration to ensure consistency. Free from optical sensors, Rad Check eliminates ambient contaminants, such as dust or color fog, which can corrupt readings.

Designed for web offset, flexo, 3-D screen and other systems incorporating inaccessible UV and high energy EB curing systems, the Rad Check test strip is the only UV dosage measurement device which can be wrapped completely around a roller or cylindrical object, or measure high EB dosages. Each test strip includes three sections: UV/EB sensitive tab, pressure sensitive adhesive tab, and handling tab. The handling tab

permits easily strip introduction into web systems by allowing placement anywhere along the roller. The adhesive tab secures the Test Strip to the roller or substrate during processing. Following exposure, the handling tab sticks out allowing for easy removal.

Each test strip contains a UV/EB-sensitive compound which is destroyed upon exposure to a UV light or EB energy source. After exposing the test strip, the density of the

Flexible test strip wraps completely around web rollers and 3-D objects for use within inaccessible curing environments!

remaining compound can be measured by the Rad Check dosimeter, which produces a numerical value reflecting energy received. This numerical value can be used to compare against jobs of similar characteristics for evaluating lamp degradation and system performance.

FEATURES:

- Ideal for web, cylindrical and other lines using inaccessible UV/EB curing systems
- Provides low-cost measurement of UV/EB dosage
- Numerical dosage value can be used for accurately determining performance
- Fully linear performance ensures accuracy and reliability

TEST STRIP SPECIFICATIONS:

- Dose Levels: Test Strip 300: UV: 0-300 mJ/cm²; EB: 0-35 Mrad
Test Strip 800: UV: 0-1400 mJ/cm²; EB: TBD
- Range: 320-380nm
- Durability: Approx. 6 months
- Storage: Test Strip 300: Store in dark, cool environment, preferably refrigerated at 4-10°C; do not expose to light
Test Strip 800: Does not require refrigeration; do not expose to light
- * Packaging: Quantities of 100

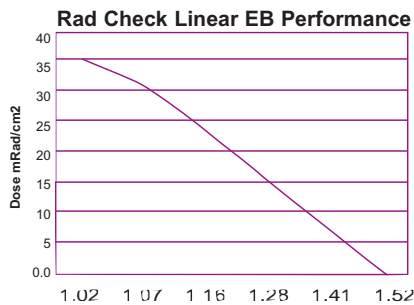
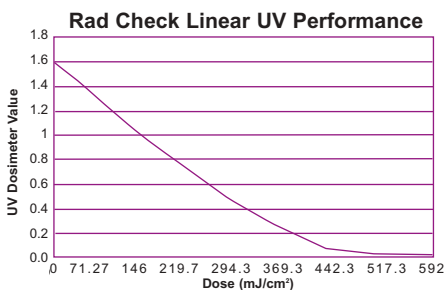
DOSIMETER 300 & 800 SPECIFICATIONS:

- * Light source: 12V/6w commercial halogen lamp
- * Sensor: UV-selective photodiode; Maximum Relative Sensitivity: 320nm
50% Relative Sensitivity: 300-360nm

PART NUMBER

DESCRIPTION

M007-078	RAD CHECK 300 DOSIMETER
M007-079	RAD CHECK 300 TEST STRIPS (pack of 100)
M007-081	RAD CHECK 800 DOSIMETER
M007-082	RAD CHECK 800 TEST STRIPS (pack of 100)



24-HOUR PRODUCT SERVICES

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