

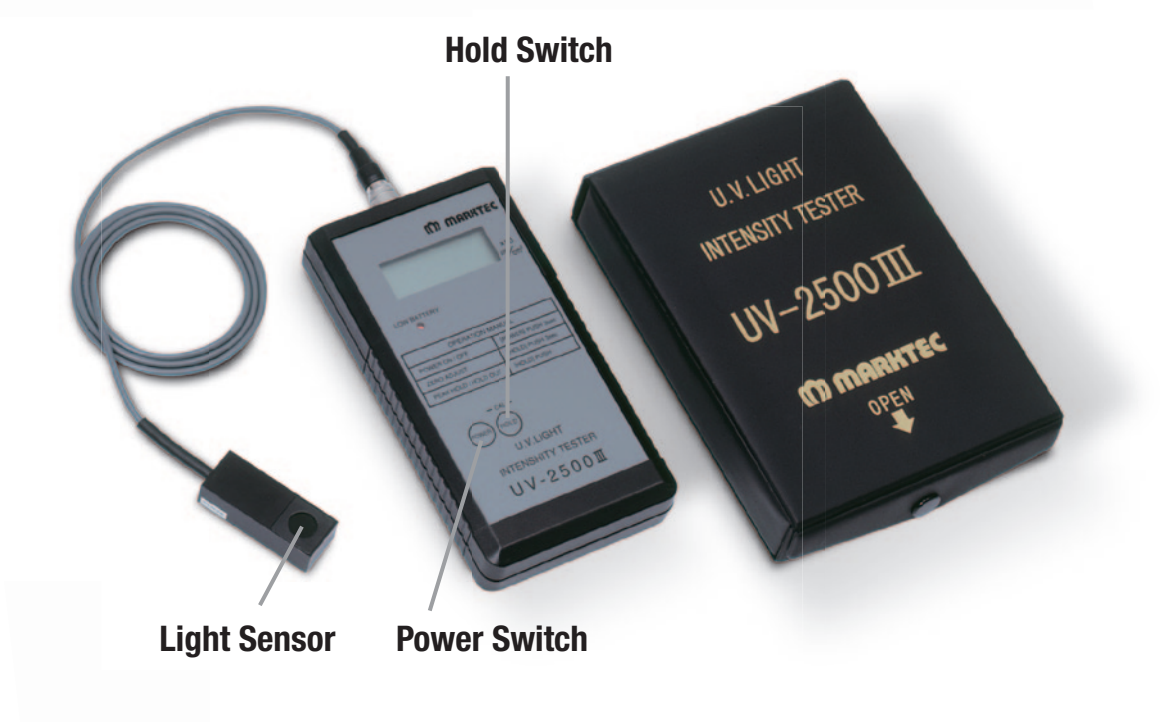
Model UV-2500III

UV radiation intensity gradually reduces with the lapse of time. To administrate the UV radiation intensity of the UV lamps is standardized as one of the most important items among JIS, ASTM standards.

This tester is National Institute of Standards and Technology (NIST) traceable.

FEATURES

- ❑ It is able to read the UV intensity with digital numerals up to 30,000 μ W/cm².
- ❑ Since the size of UV light sensor is minimized, UV light distribution can be measured accurately.
- ❑ Indicating the intensity of UV radiation by $\times 10\mu$ W/cm².
- ❑ The measurement reading is accurate as the UV light sensor accepts the light with the wavelength of 360 ± 20 nm without being affected by other light such as visible light.
- ❑ This tester conforms to the sensitivity of light receiver required by JIS Z 2323.



OPERATING INSTRUCTION

- 1 Connect the light receiver to the body.
- 2 Continue to push [POWER] switch for a while to turn on.
- 3 Keep the light receiver away from UV light, and continue to push [HOLD] switch for a while to adjust the zero point.
- 4 Pushing [HOLD] switch during the measuring process. Peak measurement is held and the indication is flickering. Press [HOLD] switch again to release.
- 5 Please change the battery if [LOW BATTERY] LED lamp being on.
- 6 It is recommended that the tester might be calibrated once half a year to maintain the stable accuracy.

OPERATING CAUTION

- 1 Do not use this tester under high humidity and high temperature area.
- 2 Measuring high UV intensity which exceeds the measurable range may cause breakdown of the tester.
- 3 Do not disassemble the tester.
- 4 In order to maintain measuring accuracy, periodical calibration is required.

SPECIFICATION

- Wavelength range to be measured : 360nm±20nm
- Measurable UV intensity range : 0~ 30,000μW/cm²
- Indication : Digital Type (with back-light)
- Tolerance : ±30μW/cm²
- Power source : Alkali 9V battery (6LR61Y)
- Battery life : Approx. 6 months (5 minutes use/day)
- Dimensions of body : 85×160×30mm
- Dimensions of case : 121×167×35mm
- Dimensions of light receiver : 20×50×13mm
- Length of cable : Approx. 1500mm
- Dimension of UV light sensor : Φ10mm
- Weight : 225g (Body & Light receiver), 400g (with case)

※ All specifications and designing are subject to change without notice.

Integrated supplier of Non-Destructive Testing and Marking



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