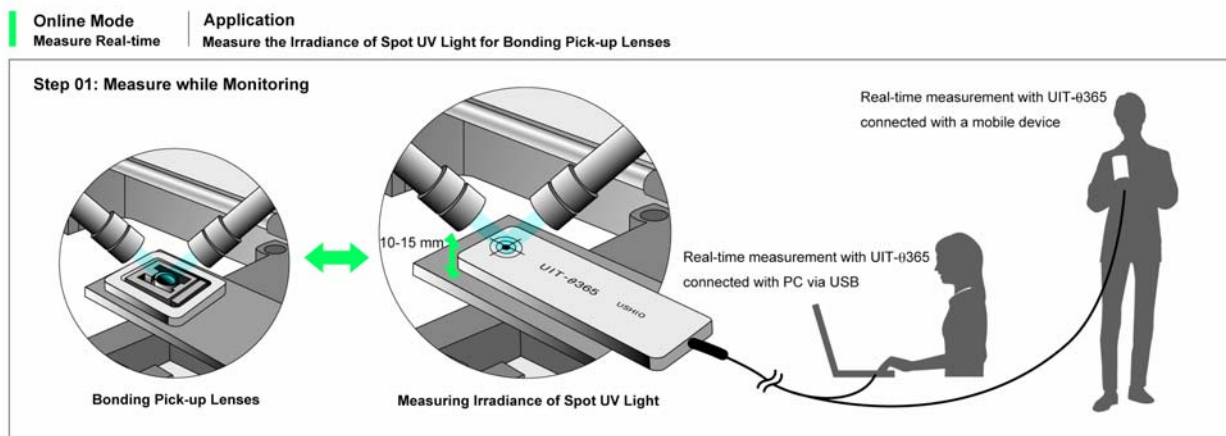
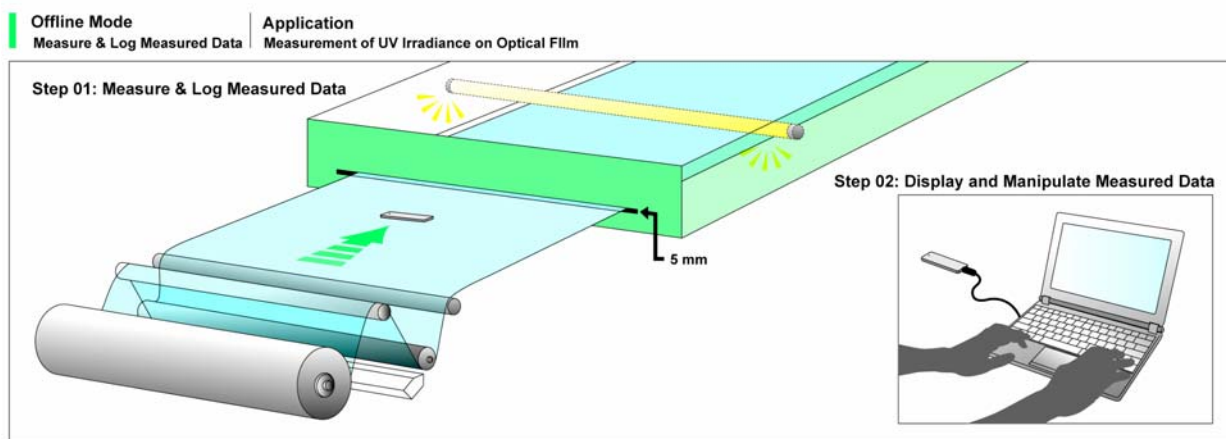


UV Irradiance Meter UIT-0365 with Android Application BladeNavi™

The UIT-0365 is the world's thinnest UV irradiance meter designed for today's critical photochemical industrial applications, including measurement of the UV irradiance in the manufacturing of flexible electronic products or precision optical parts as well as printing. The UIT-0365 is as compact as a USB flash drive

The UIT-0365 allows highly accurate and repetitive measurement at a selectable sampling rate of up to 100 Hz. In offline (data logging) mode, it can be placed on a film to log measured data, then removed from the film after completion of measurement and connected to a PC to read the measured data via a USB cable. In online mode, the UIT-0365 can be placed on the stage for bonding pick-up lenses to measure the irradiance of a spot-UV light in real time, being connected with a PC or a mobile device (including an Android device) via a USB cable.



Product Features

- The world's thinnest (4.9-mm) UV sensor/meter integrated design in unibody construction; as compact as a USB flash drive
- Online/Offline mode selectable for measurement of UV irradiance at hard-to-reach locations and in-situ setups
- On-board rechargeable battery that allows reuse of the UIT-Ø365 virtually forever
- Tight tolerance of the peak wavelength at 365 nm to provide true i-line measurement
- Enables measured data to be easily interchanged with other irradiance meters as well as for correction of an instrument error
- Dedicated application software “**BladeNavi™**” running on an Android device will be available soon to control the UIT-Ø365 via USB
- Measured data can be judged as pass or fail for more precise irradiance control
- No wiring is needed in data logging or offline measurement mode; thus it can be placed anywhere for measurement, including in a narrow area where other irradiance meters cannot be placed

Full-scale Photo



Android Application BladeNavi™

Dedicated Android application software “BladeNavi™”, to be introduced and demonstrated at SEMICON West 2012, has been originally developed by USHIO. BladeNavi™ has powerful features, including data-save and pass/fail functions, to help enhance the product quality at a production site.

Product Features

- Intuitive screen design: Allows real-time measurement of the irradiance as well as monitoring of the peak and accumulated irradiances on a single screen.
- Yield enhancement with pass/fail judgment: Enables registration of the standard irradiance value for each UV light source to judge the measured value as Pass or Fail. This prevents any operation mistake, thus ensuring enhancement of the yield.
- Yield enhancement tracking of measurement history: Allows saving of the measured data with its associated data items, such as a factory name, line name, measurement time, and an operator name. The measurement history can be effectively used for quick response to any tracking inquiry or request from inside or outside the company.

UIT-0365 Specifications

Operation Modes:	Offline mode, Online mode, and Sleep mode
Interface:	Micro-USB (Type B) interface
Power:	Online measurement: USB bus power Offline measurement: Lithium secondary battery *1
Dimensions:	90 (91) mm x 25 mm x 4.9 mm Note that the parenthesized length of 91 mm indicates the UIT-0365 meter when enclosed with a USB cover.
Weight:	Approx. 25 g
Spectral Sensitivity:	345 through 385 nm
Absolute-value Calibration Wavelength:	365 nm
Calibration Accuracy:	±5
Detector Diameter:	ø3 mm
Non-linearity:	Within ±1%
Operating Temperature Range (Detector Temperature):	0 through 50°C
Irradiance Measurement Range:	0 through 9999 mW/cm ²
Accumulated Light Amount Measurement Range:	0 through 11,998,800 mJ/ cm ²

**1 The battery is incorporated into the main unit and recharged while connected to a PC via USB.*

About Calibration of UIT-0365

The UIT-0365 is calibrated under the quality assurance system based on ISO9001 standards. For details, please contact USHIO AMERICA at the following free-dial number or e-mail address:

Customer Support, SEMI Group

Free Dial: 800-838-7446 E-Mail Address: semiconductor@ushio.com