

KUHNAST UV-365A UV Light Meter

Product Description:

New KUHNAST UV-365A using microcomputer technology, is a highly stable, high-precision UV light strength tester, its volume, lightweight, easy to read large LCD screen appearance and other characteristics, is very suitable UV light source used in various industries for the effective detection.

In order to achieve consistency and strong UV curing effect and accurately determine the time to replace the lamp, which by virtue only of the human eye will observe there is a great variation, therefore optional UV light intensity detection equipment becomes more Plus important.

Applications:

Health, medical, chemical, electronics, aerospace and other industries, especially suitable for industrial UV curing, UV disinfection, medical treatments, fluorescence analysis, ultraviolet lithography, water disinfection, bio-breeding UV radiation field measurements.

KUHNAST UV-365A can provide scientific and accurate test data, allowed to clear the need for replacement of the UV lamp, UV lamp power is the right choice to provide guidelines for UV curing process has been excellent, And ultimately achieve cost savings purposes.

Main features:

- * Aluminum alloy shell, compact and flexible, you can single-hand operation;
- * 128 * 64 with backlit LCD screen, easy to read and beautiful man-machine interface;
- * Separate probe and airframe design, easy to replace the different spectrum of the probe;
- * Automatic memory function, 10 sets of data storage can be recycled;
- * With locking function to record contrast work;
- * Auto power off function to save power;
- * Using microcomputer technology, high accuracy, low power consumption;
- * Linear UV detector, good stability, little influence by visible light;
- * The use of green rechargeable lithium-ion battery;
- * Comes with USB standard charging port, can be directly used computer USB port charging;
- * According to the U.S. NIST calibration standard production volume biography.

Technical parameters:

Spectral range: UV 250-410 nm, the center wavelength: 365 nm,

Resolution: 0.01 mW/cm² (1mW/cm² = 1000 uW/cm²)

Range: 0-1999 mW/cm² (milliwatts / cm²)

Measurement error: ± 5%

Using the power: 1000 mAh lithium-ion battery

Battery power consumption: about 0.1mA

Battery life: about 500 full charge and discharge times, filled with a normal 60 days, depending on usage conditions.

Main shell material: aluminum, anodized surface treatment

Dimensions: square structure, long- 120 x width 78x height 18 mm (mm)

Display: 1.5 inches (128 * 64 LCD screen + glass)

Sensitive probe: diameter: 35 mm, height: 16.5 mm

Probe line: Standard cable: 1.5 m extension cord: 2 m

By Aperture: Φ9mm

Sampling time: about 0.5 seconds

Data Logging: 10 groups of cyclic data

Charging Interface: USB (standard charging port)

Host weight: 240 g

Probe Weight: 80 g

Operating temperature: 0 to 85 °C (degrees Celsius)

Withstand temperature: 120 °C (degrees Celsius) under the conditions of continuous exposure to less than 20 seconds

How to use:

1, first put the probe connector into the instrument connection port, such as the status of the instrument is opened automatically restart, shutdown state to enter the next step;

2, according to the instrument panel on the far left "NO / OFF" key to boot into the system displays brand LOGO and product serial number as shown on the LCD screen after the value of MAX 0.000, CUR 0.000,

Then you can be tested;

3, the detection probe towards the need to detect ultraviolet light source, the detector should pay attention to the value and the level of standard equipment has nothing to do with the distribution of the UV lamp position and power on;

4, in different positions with the detection probe, appears on the display apparatus corresponding to the light intensity data, such as the display "100", depending on the detected light intensity of 100 mw/cm², MAX is the maximum value from the

Moving records, such as no higher value will remain;

5, the instrument screen will display two sets of data, the maximum value "MAX", the current value "CUR", if you want to record the current operator of a point light intensity value, just click the "HOLD" key value

Will lock the instrument screen above the light intensity value;

6, press "CHANGE" key to re-test the next set of data, a total circulation of 10 sets of data record-keeping,

7, smart shutdown function: no keys are pressed for 10 seconds or no test signal automatically shut backlight; no signal status 5 minutes without operating keys automatically shut down; signaled 10 minutes automatic shutdown button does not operate,

After shutdown put it in its carrying case for safekeeping.

Calibration cycle: Since all of the electronic components such as: sensors, usually with the use of time and aging, as more accurately to ensure accuracy and effectiveness of the proposed calibration period of one year.

Warranty: one year from the date of purchase warranty, artificial damage or damage caused by objective factors excluded.

Standard accessories: host 1; standard probe 1; charging cable 1; Manual 1; Warranty card 1; carrying case 1.

Optional accessories: UV-A, UV-B, UV-C, UV-V four kinds of probes.