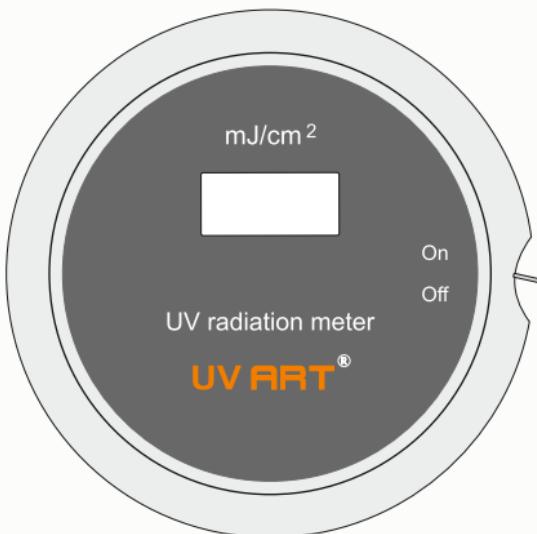


UV energy meter

UV-151 manual V2



DAKTECH INNOVATIONS

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Pune 411062. MH, INDIA.
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Instruction for use

1. Switch on the UV-151 . The display will show "0"
2. Place the UV- meter 151 with the front facing the coneyer belt. The sensor is on the back. The back plate of the UV-meter 151 serves as the heat shield.
3. After the UV-meter 151 has passed through the conveyer, take the UV- meter from the conveyer belt in order to read the measuring result. The measuring are shown as: MJ/c m²
4. Prior to new measuring sequence, it is necessary to switch "off" and then "on" again. This will reset the display to "0". Continue as described in step 2 .

Attention

1. Please Aviod shaking the UV-151
2. UV-light is hazardous to your health. Avoid direct UV-light to your eyes and to your body.

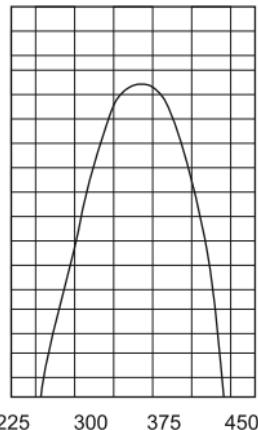
Instrument

The UV-Int 151 is a high quality UV measuring instrument. The uv-151 is used to measure UV energy of different light sources, especially on printing machines. It is to ensure quality control of printing and drying processes.

It is measuring an integral in the spectral range from 251-410nm, with a peak at the area of 365nm.

By addition of the incidence of the light quantities during the exposure cycle, relative values are calculated.

Because of uneven radiation distribution of the UV light source and different type of construction of the measuring devices by different manufacturer, different reading may appear under the same measurement conditions.



Teachnical data

Spectral range:	UV 251-410 nm
Measuring range:	0 to 5,000 MW/c m ²
Display range:	0 to 999,999 MJ/c m ²
Power source:	Long life 3.6V Lithium Battery
Power sevice life:	10,000hrs
Dimensions:	90mm, 12mm height
Weight	approx 151 gm.(5.5 oz.)
Temperature range:	0° to 45° Celsius

While on the conveter belt, the UV-int 151 can withstand max. 230 F(110 c) for up to 10 seconds.

Calibration:

In order to keep its full function and precision it is recommended to have calibration done once per year. Re-calibration will also be necessary after change of battery.

Warranty:

1 years from the date of purchase against manufacturing defects.

PRODUCT CERTIFICATE

Product Serial No.-

Date-

Product Inspection

Signature

Stamp

This Product after the test, the test result conform to the requirements of the standereds of the stated contract technical agreement, experimentqualified , granted the factory