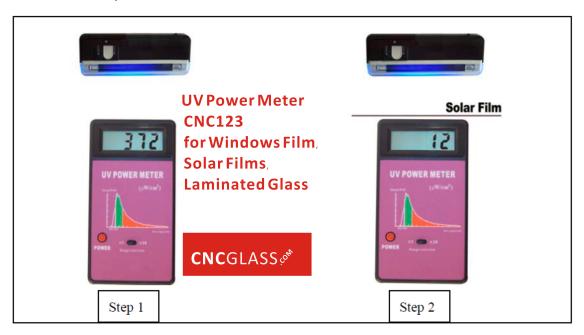


UV Power Meter CNC123 for Windows Film, Solar Films, Laminated Glass

General Description

UV Power Meter CNC123 is a wide range spectral wavelength power meter. It can be used for measuring the optical power density of UV light. It is used for

- -Evaluating heat-insulating property of the tint of windows, solar films, glass and other transparent materials ;
- -Measuring the power of ultraviolet radiation(260nm~380nm), gives visual and reliable result;
- -UV sterilization and curing;
- -General laboratory use;



Parameter

1-Accuracy: \pm (4 %FS + 2digit) FS: Full scale

2-Infrared peak response wavelength is 365nm, range (260nm-380nm)

3-Scale: $\times 1$ (0-1999 μ W/cm2); $\times 10$ (2000 -19990 μ W/cm2, displayed value×10)

4-Size: 125mm*68mm*22mm (L*W*H)

5-Weigh: about 110g

6-9V alkaline battery, 6F22

Operation

Measure the UV power of solar or UV lamp

1-Put the meter at a suitable distance, and direct the end-mounted sensor to UV source, press the POWER key to switch on, select the suitable range for the measurement, the value will display.

2-Measure the UV rejection of solar control film, glass etc. it will take measuring in 2 steps.

Measuring the UV rejection of a solar film

1-Measuring the power of UV source UV1 W



2- Put the solar film in near front of the meter, measuring the transmitting power UV2 W , Then UV rejection = UV2 UV1 100%-W /W In the example, UV rejection = UV2 UV1 100%-W /W = 100%-12/372 = 96.77%

Tips

- 1-Measuring the UV rejection, Power meter should keep in the same position;
- 2- Choose the suitable measure range;
- 3-Turn off the power when not in use;
- 4-When change the battery, open the rear cover, use a new 6F22 alkaline battery;
- 5-Keep away from corrosive material, high temperature and humidity environment.



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Product 1]CNC EVA INERLAYER FOR ARCHITECTURAL LAMINATED GLASS

Product 2]CNC PDLC SMART FILM FOR PRIVACY SWITCHABLE GLASS

Product 3]CNC PVB INTERLAYER FOR AUTOMOTIVE WINDSHIELD GLASS

