

U48AU

UV Long-Life Auto Fade Meter

*Performs tests
other light sources just can't do.*



Continuous 48-hour illumination.

Suga UV Long-Life Auto Fade Meter is extensively used for colour fastness test of textile materials. An enclosed carbon arc lamp as the light source has the longest history of use among weathering test apparatus. It has an intense energy in the UV range (around 388 nm) and can be lighted continuously for 48 hours. U48AU has an automatic air control system with an air control valve to mix circulating chamber-air and introduced ambient-air. It also includes a vaporizer, which allows for a highly precise control of temperature and humidity.

Specification of U48AU

Light source	Enclosed carbon arc lamp	Humidity control	Vaporizer
Discharge voltage and current	135 V \pm 10 V, 16 A \pm 2 A	Quantity of specimen	Maximum 108 pieces (Specimen size: 65 mm \times 55 mm, 1 mm thick)
Continuous lighting time	48 hours	Electrical requirements	Single-phase, 200 V, approx. 41 A
Temperature and humidity range	63 °C \pm 3 °C of black panel temperature ; 35 %rh to 50 %rh \pm 5 %rh	External dimension	Approx. Width 95 cm, Depth 104 cm, and Height 205 cm (Weight: approx. 354 kg)
Temperature circulation	Air control valve for continuous air circulation	Related standards	ISO, AATCC, JIS A 1415, JIS L 0842, and others



Suga Test Instruments Co.,Ltd. [www.sugatest.co.jp / english](http://www.sugatest.co.jp/english)

Head Office 5-4-14 Shinjuku, Shinjuku-ku, Tokyo, Japan 160-0022
TEL +81-3-3354-5241 FAX +81-3-3354-5275 MAIL i_sales@sugatest.co.jp
Branch Nagoya/Osaka/Hiroshima

September, 2011