

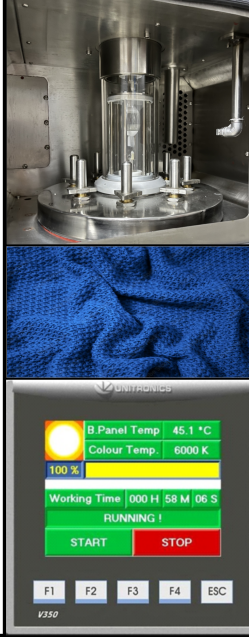


İŞIK HASLIĞI TEST CİHAZI TEKNİK ÖZELLİKLERİ LIGHT FASTNESS TESTER TECHNICAL SPECIFICATION

BS EUROPE

Test Equipment Technologies

- Light Fastness Tester is used to determine the color fastness of all kind of textile materials, plastic, paper, leather and similar products under artificial daylight (D65). It is also used to test white or optically polished products.
- Light Fastness Testing is made using filtered xenon arc lamps which simulate UV and visible solar radiation more closely than any other artificial light source. Accelerated weathering includes a simulated rain cycle which can introduce an element of thermal shock to the test sample.
- Touchable screen panel supplied by device. It is easy to use and understand and multi-option function available, high resolution and fast transferring data.
- Blue Wool Standards (BWS) are used for light and weathering fastness testing. It is recommended to obtain the materials of reference 1-8, reference L2-L9, humidity control fabric, and light filter.
- The sample is laid together with prepared blue wool under the artificial light. The sample is then compared with the reference wool to determine the color fastness. The device is electronic and with PC control.
- Light Fastness Tester supplied different specimen holders, providing greater flexibility to expose different types of materials, including textiles, plastics, leather, coatings, automotive interior and others.



TECHNICAL SPECIFICATIONS

Lamp	2000W air-cooled xenon
Irradiance (300-400nm) Range	40 – 50W/m ²
Sample	6 position/18 sample holder
Average life time	2000 h
Test Chamber Humidity Range	Ambient – 55% RH
Test Chamber Temperature Range	Ambient – 40°C
Black Standard Temperature Range	Ambient – 70°C
Water Reservoir Capacity	40 L
Touchable screen panel	Supplied as standard
Chamber Viewing Window	Supplied as standard
Working mode	Turning and non-turning
Dimensions (approx.)	750 (width) x 780 (depth) x 1650 (height) mm
Weight (approx.)	180 kg
Electrical Supply	Single phase 230V ±15% (3.5kW) 50/60Hz
Water	Pure (ISO 3696 Grade 3)
Recommended Ambient Temperature Range	16 – 24°C
Recommended Ambient Humidity Range	30 – 65%RH (non-condensing)
Interface	USB

ACCESORIES

- Absorption filter lantern with 6 IR +1 UV + UV Special Glass cylinder
- Absorption filter lantern with 7 IR +UV Special Glass cylinder
- "Textile ISO 105 " accessory kit
- "Textile M & S " accessory kit
- Test cardboard
- Double slotted M & S Masks
- One slot AATCC Masks
- One slot M & S Masks
- Weather conditions for Tests BWS (Blue wool standard) holder
- Additional Specimen Holders

STANDARDS

- ISO 105-B02, B04, B07
- ISO 4892-1
- ASTM D 6695, G151, G155
- TS EN 15187
- AATCC TM 16- TM 169
- M&S C9, C9A
- NF G07-012-2
- NF EN ISO 105-B02/AFNOR
- BS 1006 UK/TN



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