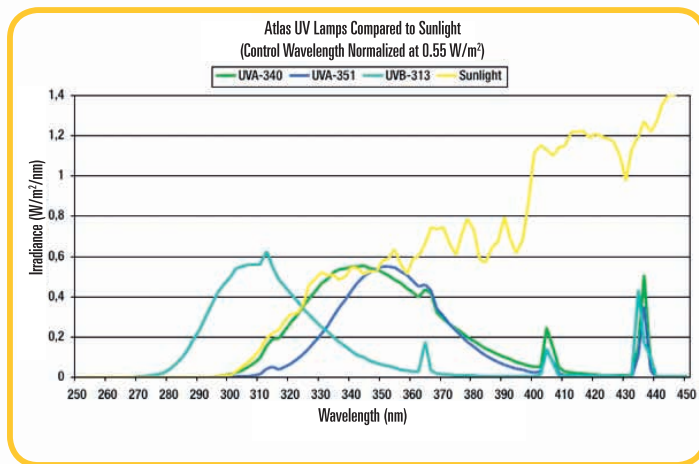


UVTEST

FLUORESCENT TEST INSTRUMENT

The objective of artificial weathering is to reproduce real life product failures in a laboratory under accelerated and reproducible conditions. Fluorescent UV lamps similar in mechanical and electrical characteristics to those used for residential and commercial lighting are one light source used to simulate specific solar spectral power distributions. These sources are incorporated into fluorescent UV condensation devices like the Atlas® UVTest™. The best use of a UV device is for general screening tests, such as checking for gross formulation errors with an artificially harsh exposure.



UVTest Features

Easy to use:

- Simple touch screen operation and control
- Easy to change lamps
- Advanced calibration technology
- No need to defeat door safety switch to perform calibration
- All critical parameters displayed on one screen
- Automatic restart after a power interruption
- Pre-programmed tests for error free operation

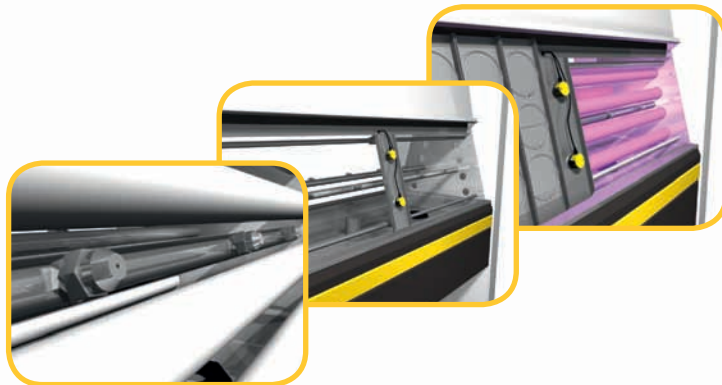
Cost effective:

- Low cost, economical, entry level device for artificial weathering
- Unmatched lamp life to price ratio
- Plug-and-play; little maintenance required

Additional features:

- Best in class, consistent distribution of irradiance and temperature
- High maximum irradiance levels of ≥ 1.8 UVA and ≥ 1.5 UVB
- State-of-the-art optical and temperature sensor technology for improved accuracy
- Frame-integrated float switch and viewing window to protect against accidental damage
- Adjustable height casters and integrated bubble level
- Stackable frames for increased capacity with a lower overall footprint
 - spray option available for stackable units
- Adaptable for customer-specified spray nozzles





Technical Data for the UVTest™:

Exposure Capacity	48 samples each 76 × 152 mm (3 × 6 in)
Sample Holder Width	76, 101 and 152 mm (3, 4 and 6 in) available
Sample Thickness	< 30 mm (1 1/8 in)
Foot Print (W x D x H)	131 × 53 × 142 cm (52 × 21 × 56 in)
Net Weight	102 kg / 225 lbs
Lamps	8 × 40 W UVA 340, UVA 351, UVB 313

- *Designed for continuous operation*
- *CE & NRTL Compliance*
- *Suitable for testing various materials such as wood, plastics, coatings, etc.*

Standards

ISO 4892-3, ASTM G154 (General Testing)

ASTM D4329 (Plastics)

ISO 11507 (Coatings)

ISO 4892-1, ASTM G151

EN 927-6 (Wood Coatings)

EN 1297 (Roofing)

ISO 11895, EN 1898, EN 12224 (Technical Textiles)

EN 13523 (Coil Coatings)

SAE J2020 (Automotive)

ISO 11997-2 (Cyclic Prohesion Tests)

This is a summary of some important global standards that can be met by this instrument. For a complete list of all fulfilled standards please contact your local sales representative.



 rycobelgroup

 **ATLAS**
MATERIAL TESTING SOLUTIONS