



UV Light Accelerated Tester

XD-21-856 UV Light Accelerated Aging Test Chamber (hereinafter referred as XUV) adopts fluorescent UV lamp as the light source. Its inner temperature and humidity can be properly controlled to obtain the periodic condensation on the sample for fully evaluating the damaged factor caused by sunlight, moisture and temperature (materials aging phenomenon includes fading, disluster, intensity reduction, cracking, flaking, chalking, and oxidation).

Standards

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|---------------|---------------|
| ◆ ISO 16474-1 | ◆ ASTM D 4587 |
| ◆ ISO 16474-3 | ◆ ASTM D 4329 |
| ◆ ISO 11507 | ◆ ASTM G-151 |
| ◆ ISO 4892-1 | ◆ ASTM G-154 |
| ◆ ISO 4892-3 | ◆ BS 2782 |
| ◆ SAE J2020 | ◆ JIS D 0205 |



**MODERN
INSTRUMENTS**



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Technical Specification

Name	UV Light Accelerated Tester
Model	XD-21-856
Light Source	UV-A(wave length 340nm) or UV-B (wave length 313nm); 40W×8pcs(The normal use-life is 6,000 hours)
The Range of Irradiance	0.3W/m ² ~1.55W/m ²
Temperature Range	Black Panel temperature (BPT) : RT+10°C~80°C
Interior of cabinet	Stainless steel -SUS 304 material
Exterior of cabinet	Powder coating on SUS 304
Insolating Area	5,175cm ² /828in ²
Sample Capacity	48 pieces of standard specimen (75mm×150mm standard samples) or 15 pieces of 100mm×300mm
Adjustable range for water supply	0-4LPM
Water Consumption	7L/day (for condensation) , 3L/minute (for spray)
Overall Size	1,360mm×560mm×1,290mm (L×W×H)
Net Weight	161KG
Total Max. Power	2kW
Power	220VAC±10%/50HZ (60 HZ is custom) ; 10A (Max Electric Current)

