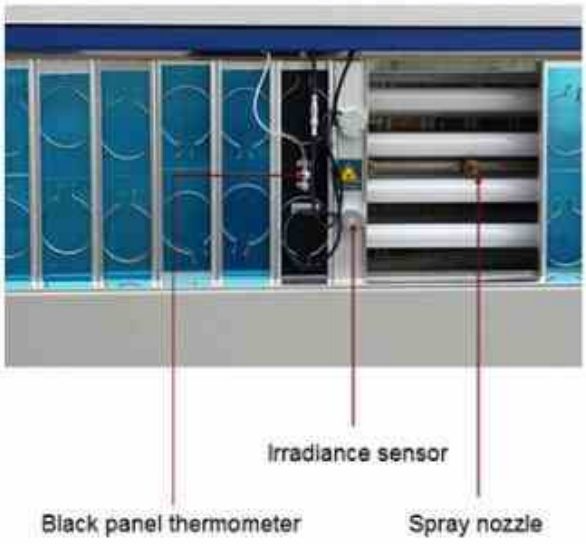
UV Light Accelerated Tester

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

- ◆ISO 11507
- ◆ ISO 4892-1
- ◆ ISO 4892-3
- ◆ ASTM D 4587
- ◆ ASTM D 4329
- ◆ ASTM G-151
- ◆ ASTM G-154
- ◆ BS 2782:Part5
- ◆ SAE J2020
- ◆ JIS D 0205

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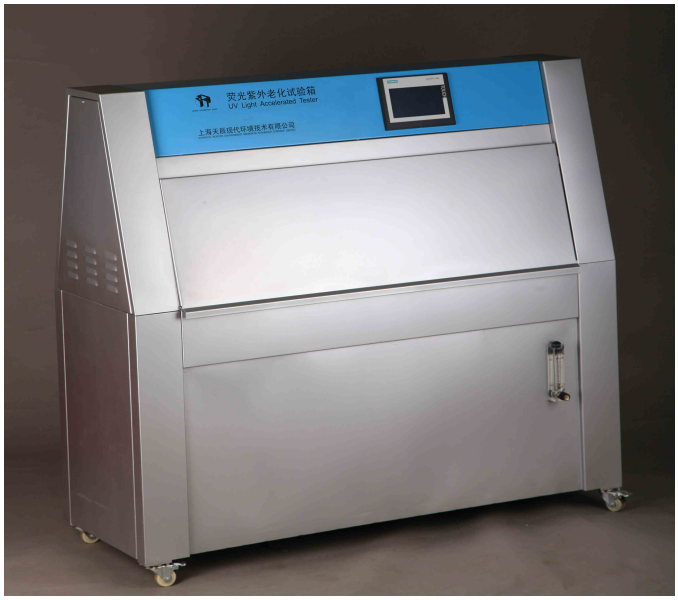
Technical Specification

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/m² ～1.0 W/m²
Temperature Range	Black Panel temperature(BPT):RT+10℃~80℃
Total Max.Power	3 KW
Interior/ Exterior Material of cabinet	Stainless steel-SUS 304 material
Insolating Area	5175cm²/828in²
Sample Capacity	48 pieces of standard specimen (75×150mm standard samples) Or 15 pieces of 100×300mm
Water Consumption	7L/day (for condensation); 4L/minute(for spray)
Power	220VAC±10% 50/60Hz; 15A (Max Electric Current)
Overall Size	1360×520×1310mm（L×W×H）
Weight	165Kg



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