

GOTECH "the best partner" to raise your competition

QUV 耐候試驗機

ACCELERATED WEATHERING TESTER

ISO-4892, ASTM-D4587, D4799, SAE-J2020 (made in U.S.A.)

QUV系列試驗箱可以模擬由陽光、雨水和露水造成的危害，QUV利用螢光紫外（UV）燈模擬陽光照射的效果。利用冷凝濕氣模擬雨水和露水。被測試材料放置於一定溫度下的光照和潮氣交替的循環程序中進行測試。QUV用數天或數周的測試，即可重現戶外數月至數年出現的危害。危害類型包括：褪色、變色、失光、粉化、裂痕、渾濁、泡化、脆化、強度衰退和氧化。

QUV試驗數據可以幫助您選擇新材料，改進現有材料，以及評價配方的變化如何影響產品的耐久性。在材料置於戶外時的變化趨勢上，QUV可以測出極佳的相關預測結果。

The QUV simulates the effect of sunlight with fluorescent ultraviolet (UV) lamps, while it simulates rain and dew with condensing humidity or water spray. In a few days or weeks, the QUV can reproduce the damage that occurs over months or years outdoors. Types of damage include fading, color change, chalking, cracking, crazing, embrittlement, strength loss etc. The test data can help in the selection of new materials, the improvement of existing materials or the evaluation of how changes in formulations affect product durability.

型式 Model	QUV / spray	QUV / se	QUV / basic
UV照射 Exposure	●	●	●
冷凝 Condensation	●	●	●
光照控制 Irradiance Control	●	●	
可調光綫 Adjustable Irradiance	●	●	
噴水 Water Spray	●		
熱沖擊 Thermal Shock	●		
自動偵錯 Self-diagnostics	●	●	●
燈管數量 Lamp Q'ty	紫外綫燈管8支，備品4支 ultraviolet lamp 8 pcs, spares 4 pcs		
記錄器 Recorder	選配 (Optional)		
輻射計 CR-10 Calibration Radiometer	選配 (Optional)		
UV溫度 Temp.	50°C~ 75°C		
冷凝溫度 Condensation Temp.	40°C~ 60°C		
測試容量 Test Capacity	48 pcs 片		50 pcs 片
水源及耗量 Water	蒸餾水每分鐘7ℓ DI 7 ℓ / min	蒸餾水每日8升 DI 8 ℓ / day	
體積 Dimension (WXDXH)	144x67x130cm		
重量 Weight	136 kg		
電源 Power	1 φ , 120V/ 60Hz, 16A or 230V/ 50Hz, 9A, 1800W (max)		



QUV / spray



QUV / basic