



Small Xenon Test Chamber

Compared with XD-21-865, XD-21-866 adds spray function. Spray function is used to simulate rain and humidity when the material is used at outdoor. Furthermore, operator can set the cumulative energy (Total irradiance energy) obtained by sample to stop a test procedure.

Feature

- ◆ The test procedures can be programmed freely; and up to 16 predetermined procedures can be saved in one time. Every procedure includes up to 10 segments setting data.
- ◆ Can set the cumulative energy (total irradiance energy) obtained by sample to finish a test procedure.
- ◆ With spray function, can set spray time and spray interval time.
- ◆ The xenon light source correspond with international standards; ensure reproducibility and comparability of testing results.
- ◆ Irradiance energy can be accurately controlled. The "Closed-Loop" control system can automatically compensate the change of light intensity caused by ageing or other factors.



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INSTRUMENTS**



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- ◆ Users can easily calibrate and adjust the irradiance or the black panel temperature by themselves.
- ◆ With High precision Pt100 Temperature sensor. Black panel temperature is auto-controlled during the whole process
- ◆ Show the relative humidity of working room
- ◆ Alarm function for protection: Over temperature of BPT, big error for irradiance, auto shut-down protection when opening door, protection for too low air pressure
- ◆ Touch screen and user-friendly operation interface allow operator to set the test parameters and monitor all the test process easily.
- ◆ Specimen mounting and evaluation is fast and easy With unique slide-out specimen tray
- ◆ Real-time data can be collected and recorded. The incidental USB connector allow users to copy the test data into a USB drive, achieving unattended operation.



Main Technical Parameters

Name	Small Xenon Test Chamber
Model	XD-21-866
Xenon Lamp	One 1.8KW Xenon Lamp
Filter	Daylight filter (Also can choose extended UV filter or window glass filter)
Lamp Lifetime	Near 1,500 hours
Exposure Area	1,000 cm2 (can put 9 standard samples 150mm×70mm)
Adjustable Irradiance Range	30W/m ² ~100W/m ² (300nm~400nm) or 0.3 W/m ² ~0.8 W/m ² (@ 340nm) or 0.5 W/m ² ~1.5 W/m ² (@ 420nm)
Adjustable Black Panel Temperature Range	RT+20℃~90℃ (Depends on environment temperature and setting irradiance value)
Controlling irradiance point	340nm or 420nm or 300nm~400nm (show at the same time)
Interior Material of Chamber	Stainless steel -SUS 304 material
Exterior Material of Chamber	Powder coating
Overall Size	1000mm×650mm×1020mm (L×W×H)
Net Weight	135KG (176KG Gross Weight)
Power Supply	220V 50/60HZ (Alternative)
Max. Curren/Max. Power	12A ,2.5KW