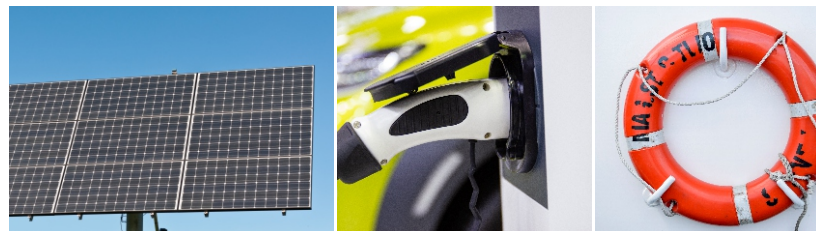


Multifunction UV Weather Tester

BEVS 3380 / BEVS 3381 / BEVS 3382 / BEVS 3383



Five core functions

The tester can truly restore many outdoor environmental conditions such as ultraviolet light, rain, high temperature, condensation, darkness, and alternating dry and wet conditions. It adopts high-precision irradiation controllers and a hot air/atomization internal circulation system, making the distribution of irradiance, temperature, and humidity more uniform and stable, effectively helping to quickly assess the durability and stability of components and materials.

● Light

By using UV lamps to simulate ultraviolet light

● Condensation

The water vapor generated by heating maintains 100% humidity in the test chamber at higher temperatures, while the ambient temperature where the instrument is located is relatively low. The water vapor continuously condenses on the surface of the sample to form dew, simulating outdoor humid erosion conditions.

● Water spray

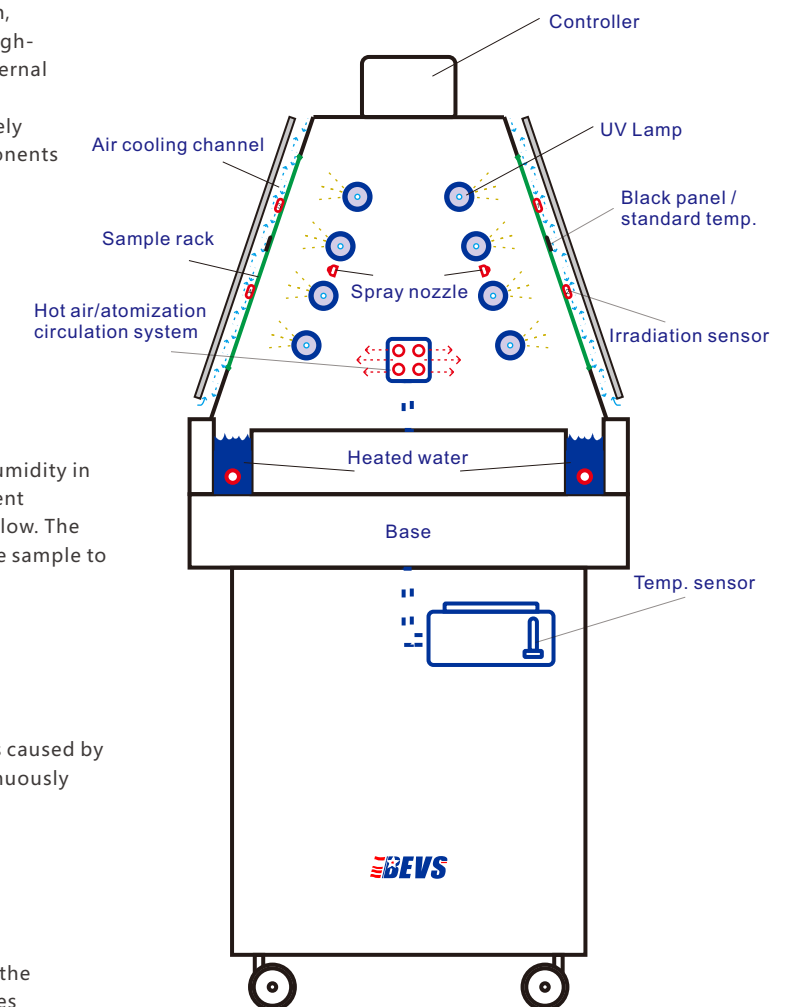
Simulate the thermal shock or mechanical erosion effects caused by temperature fluctuations and rainwater erosion by continuously spraying water onto the sample surface.

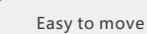
● Air heating

Heated air is sent to the test chamber to quickly increase the temperature inside, simulating outdoor high temperatures

● Water vapor humidification

When necessary to adjust the humidity, the atomizer starts and then transmits the mist to the chamber, quickly increasing the humidity inside the chamber, simulating rain and fog weather, alternating dry and wet conditions, and other effects.





- Equipped with alarm protection functions: door lock safety protection, over temperature protection, low water level warning, leakage protection, heating overload protection.

- BEVS380 UV老化试验箱

2023-03-31 11:24:39

试验方法名称:

试验方法名称: TTEST1

试验参数

试验参数	名称	单位
时间 (min)	0.00	min
温度 (°C)	15.00	°C
湿度 (%)	50.00	%
测试速度 (mm/s)	0.00	mm/s

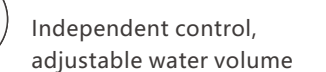
其他信息

名称	值
当前运行模式	无
当前测试步骤	无
测试室温度	20.0 °C
测试室湿度	19.70 %
步骤已运行时间	20min
步骤已运行时长	0min
试验总时长	0.00h

历史数据

日期	名称	值
2023/03/31 11:24:39	测试室温度	20.0 °C
2023/03/31 11:24:39	测试室湿度	19.70 %

UI



Technical info.

Total power	2kw
Light source	UVA-340 / UVB-313
Lamp No.	40W x 8
Rated life of lamp	2000h
Irradiance range	UVA-340: 0.3W/m ² ~ 1.1W/m ² UVB-313: 0.3W/m ² ~ 1.35W/m ²
Black panel temp. range	Ambient +5°C-80°C, ±2°C
Humidity range	15%-95%, ±5%
Exposure area	5175cm ² /828in ²
Sample rack No.	24
Panel capacity	48 x (150mm x 70mm)
Outer Size	140cm x 50cm x 138cm
Weight	Approx. 170KG
Power supply	220V±10V, 50HZ, 10A
Water supply	Ionized water or distilled water Pressure: 0.2-0.3MPa

Standard

ASTM	D4329	GB/T	14522
	D4587		23983
	D5208		23987
	D5894		16422.3
	G151	EN	927-6
	G154		12224
ISO	11507		13523-10
	EN4892-1	SAE	J2020
	EN4892-3		

Order info.

Model	BEVS 3380	BEVS 3381	BEVS 3382	BEVS 3383
Name	Multifunction UV Weather Tester			Condensation test chamber
Light	●	●	●	—
Condensation	●	●	●	●
Water spray	●	●	●	—
Irradiance control	●	●	—	—
Black panel temp. control	●	●	●	—
Temp. display	●	●	—	●
Temp. control	—	—	—	●
Humidity display	●	●	—	●
Humidity control	●	—	—	●
Auto fault identify	●	●	●	●
USB port	●	●	●	●
Water purifier	●	●	●	●
Irradiance calibrator	●	●	●	●
3D sample rack	●	●	●	●

●

Standard comes with

●

Optional

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Not available