

Bench UV Light Accelerated Weathering Tester

BGD 852 Bench UV light Accelerated Aging Chamber is an economic and easy-to-use machine which can meet some customers' requirements. It is equipped with 3 pcs 20W UV lamps as light sources. Operator can set the total illumination time, temperature, spray time etc to simulate the natural environment which would cause the damaged factor to samples.

This chamber can isolate 18 pcs standard panels (Size is 150×70mm). Samples are installed a column form rotating sample rack. During the test, the sample rack rotate uniformly and ensure every sample get the same irradiance energy, increase the comparability and repeatability of testing results.

Features:

- ◆ Touch screen and user-friendly operation interface allow handlers set the test parameters and monitor all the test process easily.
- ◆ Equipped with professional UV lamps who has high irradiance energy: 0.70W/m² for UVB and 0.40W/m² for UVA
- ◆ Full stainless steel inner working room with sandwich design, never getting rusty and leakage. Also prevent water vapour coming from working room from entering electrical box and damaging electron components.
- ◆ Built-in water level switch, it will alarm and stop running automatically when under low water level.



Working Room



Operation Menu

Main Technical Parameters:

- ★ Total power: 1.2 KW
- ★ Power voltage: 220 ± 22V/50 ± 0.5Hz
- ★ Setable temperature range of working room: RT+5°C ~ 60°C
- ★ Setable range of test time: 1h ~ 9,999h
- ★ Setable range of spray time: 1min~9,999min
- ★ Setable range of spray interval time: 1min~9,999min
- ★ Rated life of lamp: 1,000h
- ★ Wave length of lamps: 313 nm (UVB Lamps) or 340 nm (UVA Lamps)
- ★ Lamp power: 3 pcs; each lamp is 20 W
- ★ Spray water: 2L/min
- ★ Capacity for test panels: 18 pcs standard size panels
- ★ Specification of sample: 150mm × 70mm
- ★ Cabinet Size: 930 × 450 × 630mm (L × D × H):
- ★ Net Weight: 72kg

★ Ordering Information:

BGD 852--- Bench UV Light Accelerated Aging Chamber

BGD 8100--- UVB lamps (20W/313nm)

BGD 8101--- UVA lamps (20W/340nm)