

Small UV Aging Testing Machine



Picture just for reference

Application:

The UV aging testing machine is used to simulate the damage of the sunlight, rain and dew to the non-metal materials which is widely used in the industry such as rubber, printing ink, plastic, paint, packaging, medical and so on.

The testing materials are placed in a certain environment which the light and moisture are alternating. For the reason that the ultraviolet rays in the sunlight are the main factors causing the oxidative degradation of the polymer and the water an important factor in accelerating aging, so the UV aging testing machine can easily simulate the aging process during the outdoor exposure. Owing to the reasons above, the UV aging testing machine has practical value in testing the relative weathering resistance of the different test specimen.

Corresponding standards:

The UV aging testing machine accords with the standard of ASTM G53-77, GB/T 14522-1993 and ISO 11507.1997.

Technical parameters:

Power: 1.65KW

UV lamp quantity: 3 pcs

Ultraviolet wave length: 290nm~400nm

Water consumption: 47L/min

center distance to specimen: 155mm

Specimen standard dimension: 75*150mm

Test capacity: 24 pcs

UV lamp temperature: 40°C~60°C

Turret speed: >3r.p.m

Maximum testing time display: 999.9h

Maximum intermittent spray time: 99H59Min

Dimension:(W*D*H) 840*420*565mm

Weight: 53Kg

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