

## UV Accelerated Weather Aging Test Chamber

### Model: ZY-C



#### Product Introduction:

UV accelerated weathering aging test chamber can provide reliable aging test data to make the exact prediction of products' weathering fastness (aging resistance), which is conducive to sift and optimize the formula. UV accelerated weathering aging test chamber is used in many industries, such as: paint, inks, resin, plastics, printing and packaging, adhesives, auto and motorcycle industry, cosmetics, metal, electronic, electroplating, medicine, etc.

UV accelerated weathering aging test chamber is the most widely used UV Weathering tester in the world, there are thousands of ultraviolet aging testers coming into use. UV accelerated weathering aging test chamber has become the standard of the UV test, fit standards of ISO, ASTM, DIN, JIS, SAE, BS, ANSI, GM, U.S. GOVT, ect. It can simulate the damage of sunshine, rain, dew to the material quickly and exactly. Damage types including bleaching, discoloration, loss of light, powder, crack, turbidity, bubble-based, embrittlement, strength decline and oxidation need to be engender in months or years but can engender in a few days or weeks.

### Technical parameters:

Product Name	UV Accelerated Aging Test Chamber
Model	ZY-C
Chamber size	360* 500* 360mm (W * H * D)
UV Fluorescent Tube	3 pcs * UV lamp 20 W
UV Wavelength	313nm (91.5kcal/gmol)
Temperature range	RT~60°C
Material	SUS # 304 stainless steel
Testing time range	0.01s~99.99s/0.1h~999.9h
Spray time range	1s~99min59s/1min~9999min (dual setting)
Sample Size	75*150*(0.6 Thickness) mm x 24pcs
Sample shelf rotate speed	3.7 cp.m
Water Consumption	Distilled water 47 L/min
Power	1.25KW
Weight	48kg
Machine Size	Approx. 400 x 900 x 600mm

### Machine Structure:



Figure 1.1: Rotating Rack (To put on Sample while Testing)