

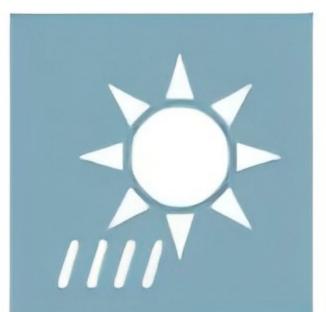
Xenon Test Chambers

BR-XT Series

The xenon weathering test chambers use xenon arc lamps to simulate the ultraviolet, visible, and infrared light in natural climate and simulate rainwater and dew, within a few days or weeks, it can reproduce the damage caused by full-spectrum sunlight and rain that occurs over several months or even years outdoors, thus quickly finish the weathering report.

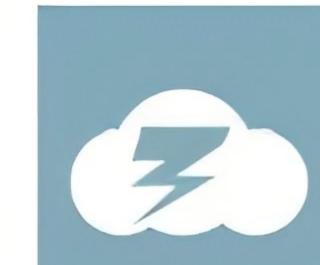
Xenon Weathering Test Chamber can be divided into Water-cooled & Air-cooled.













Applications:

- Plastics,
- Textiles,
- Coatings,
- Automobile products,
- Building Materials,
- Other organic materials,
- Colleges and universities' research laboratories
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Features

- Easy to operate and reliable test results;
- Pricise control of critical test parameters;
- ➤ Automatic rotating drum-type sample rack with holding different shapes and sizes samples;
- > Waterspray available;
- > Advanced cooling system with water recycling system;
- > conform to all international standards of xenon testing;

Items	Technical Parameters	Notes
Testing room D*W*H	950 * 950 * 950mm, can be customized	Optional
Temperature range	RT+10 ~ 70°C, Black Panel Thermometer 55 ~95°C	
Humidity range	Light: 50 ± 5% Dark: 70% - 95%	Optional
Temperature deviation	± 2 °C	Optional
Xenon lamp power	3.0 KW (Air- cooled) 6.0 KW (Water- cooled)	
Irradiance Values	550~1100 W/m2 (350~850nm), @340 nm @420 nm@TUV (300-400 nm) Autocal irradiance control	Optional Ref: Q-lab
Sample holder rotation speed	≥ 1r/min, CV	
Water spray pressure	78 ~ 127kpa	
Filtering	255nm ≤ 0%, 400 ~ 800nm ≥ 90%	
Power Voltages	380V / 50Hz; Max. power is 11KW; Effective radiation area 0.63 m ³	

OEM, ODM or Customized are acceptable.