



## **Xenon Test Chamber LD-LXC-A20**

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# Xenon Test Chamber LD-LXC-A20

## Overview

This is a complete weather testing instrument that support climate aging test, polymer fixing test with respect to light resistance. With the help of ecological stimulation such as rain, humidity, temperature control and light (Xenon arc lamp to stimulate destructive waves for diverse environment) a large spectrum of environmental conditions-based aging of materials can be tested.

## Features:

- Micro computer based temperature and humidity controller is used
- Xenon arc lamp is used to simulate full sunlight spectrum
- Equipped with 1 Water Cooled xenon arc lamp with inner quartz and outer borosilicate filter
- User friendly and efficient
- Comprises of ultrasonic humidifier and dehumidification system to ensure accurate and stable humidity test
- Simulate daylight spectrum
- Environment friendly Refrigerant R404A
- Automatic water supply, water purification system, water saving
- Coloured LCD screen display with different test monitoring mode namely, digital, graphics and animation
- Provision to adjust light intensity

## Applications:

Used for various industries such as plastics, paints, rubber, automobiles, motorcycles, petrochemicals and textile products etc.

## Specifications:

<b>Power Supply</b>	AC 380 V 50 Hz
<b>Average Lamp Life</b>	1600 hours
<b>Water Spray cycle</b>	1 ~ 9999 Hr 59 M, adjustable
<b>Irradiance (W/?)</b>	100 ~ 1200
<b>Irradiation Source</b>	1 piece of 6500 W water-cooled Xenon Lamp with inner quartz and outer borosilicate filter
<b>Overall dimensions</b>	1200 × 1150 × 1480 mm
<b>Internal dimensions</b>	500 × 760 × 500 mm
<b>Black Panel Temperature</b>	BPT 35 ~ 85 ? ± 2 °C
<b>Relative Humidity Range</b>	50 ~ 98 % R.H ± 5 % RH
<b>Specimen Capacity (pcs)</b>	28

<b>Chamber Temperature Range</b>	Ambient ~ 100 ? ± 2 °C
<b>Specimen holder size (mm)</b>	80 × 15
<b>Bandwidth Measurement (nm)</b>	280 ~ 800