



## **Xenon Test Chamber LD-LXC-A10**

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# Xenon Test Chamber LD-LXC-A10

## Overview

Model Xenon Test chamber LXC- A10 delivers optimum test results with respect to weather aging test in various industries. By controlling the irradiance of light within the test position and weather-type it provides a stimulation of natural ecological condition necessary to test different resistant properties of the material with respect to aging test.

## Features:

- 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:

It is used in different industries such as plastic, paint, dyeing, automobile, motorcycle, petrochemical, textile, leather 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 |