



# Xenon Test Chamber



## XENON TEST CHAMBER LXC-A1 SERIES

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Model Xenon Test chamber LXC- A1 Series 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

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- 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



### Application:

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

## XENON TEST CHAMBER LXC-A1 SERIES

### Technical Parameters:

Model	LXC-A10	LXC-A11
Bandwidth Measurement (nm)	280~800	300-420
Specimen Capacity (pcs)	28	34
Specimen holder size (mm)	80*15	
Chamber Temperature Range	Ambient ~100~±2°C	
Irradiation Source	1 piece of 6500 W water-cooled Xenon Lamp with inner quartz and outer borosilicate filter	
Irradiance (w/m <sup>2</sup> )	100~1200	35 ~ 150
Black Panel Temperature	BPT 35 ~85~±2°C	
Average Lamp Life	1600 hours	
Relative Humidity Range	50~98% R.H±5% RH	
Water Spray cycle	1`9999H59M, adjustable	
Internal dimensions (mm)	500*760*500	950*950*850
Overall dimensions (mm)	1200*1150*1480	1300*1420*1800
Power Supply	AC380V 50HZ	

## XENON TEST CHAMBER LXC-A2 SERIES

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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

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- 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



### Application:

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

## XENON TEST CHAMBER LXC-A2 SERIES

### Technical Parameters:

Model	LXC-A20	LXC-A21
Bandwidth Measurement (nm)	280~800	300-420
Specimen Capacity (pcs)	28	34
Specimen holder size (mm)	80*15	
Chamber Temperature Range	Ambient ~100~±2°C	
Irradiation Source	1 piece of 6500 W water-cooled Xenon Lamp with inner quartz and outer borosilicate filter	
Irradiance (w/m <sup>2</sup> )	35 ~ 150 W/m <sup>2</sup>	
Black Panel Temperature	BPT 35 ~85~±2°C	
Average Lamp Life	1600 hours	
Relative Humidity Range	50~98% R.H±5% RH	
Water Spray cycle	1~9999H59M, adjustable	
Internal dimensions (mm)	500*760*500	950*950*850
Overall dimensions (mm)	1200*1150*1480	1300*1420*1800
Power Supply	AC380V 50HZ	



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