



BOTO Group Ltd.

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Product description

I Chamber picture



II Product description

This equipment is suitable for the test of rain, dust and sand immersion of various automotive parts and industrial electronic products such as electronic appliances. Auto parts include the test of the full sealing stability of systems such as lights, door locks, electrical, instrumentation, dust covers, and electronic household appliances.

The rain test chamber is a test chamber that artificially simulates rain. It is well known that all components and equipment in an atmospheric pressure environment, whether in working or storage state, will be affected to varying degrees by various water (including impurities). Among them, rain is the most common. The rain test is to prevent the working performance of these equipment from changing during or after rain penetration and rain.

III Test standards

The performance index of this test chamber meets GB/T10485 "Basic environmental testing for external devices of automobiles and trailers, external lighting and signal devices of automobiles and trailers, basic environmental testing for industrial electronic products" and related test standards such as JIS and MIL. It also meets the rain test of corresponding national standards such as ISO 20653-2006, GB-4208-93, GB2423.37-89La, GB4208-93, DIN40050.5K, etc.

IV Specification

Name	Programmable rain test chamber
Model	BT-LY
Internal size	800* 800* 800mm (W*H*D)
External size	3350* 1700* 1150cm(W*H*D) (Please refer to the actual delivery size)
Internal Material	304 stainless steel
External Material	304 brushed stainless steel
Test bench speed	1-5rpm adjustable
Turntable size	Φ300MM round turntable
Turntable load	25KG
Control method	Color touch screen

IPX5 Rain test device

Spray hole diameter	6.3 mm
Water flow rate	12.5 L/min
Spray distance	2.5~3 meters

Spray time Duration	0~9999min adjustable (such as 0.3min, 1min, 3min)
IPX5 nozzle	1* 6.3mm size
Water pipe diameter	60mm
Test time	1-999 minutes
IPX6 Rain test device	
Spray hole diameter	12.5mm
Water flow rate	100L/Min
Spray distance	2.5~3 meters
Spray time Duration	0~9999min adjustable (such as 0.3min, 1min, 3min)
Test time	1-999 minutes
IPX6 nozzle	1*12.5mm size
Water pipe diameter	60mm
Machine power supply	220V

Factory real pictures display

1. Certificate

ISO certificate



Some patents (nearly 100) and certificates



Some patents (nearly 100) and certificates



2. Shanghai Office :



3. Factory environment area



Work shop



Our team

4. Spot exhibition hall area\finished product area



5. BOTO GROUP Factory located in Hunan Yueyang Industrial Park.

The industrial park is constructed by Shanghai Boyi Test Equipment Co., LTD with a total investment of RMB 400 million. Mainly engaged in the research and development and manufacturing of the whole chain of laboratory equipment; It is located next to yueyang section of Wuhan-Guangzhou high-speed railway, adjacent to Lotus Airport, and has very convenient transportation. The industrial park covers an area of 40 mu, consisting of a comprehensive office building and two standard factories, with a total construction area of nearly 20,000 square meters



Showroom 1



Showroom 2



6. On December 23, 2021, Li Aiwu, deputy Secretary of CPC Committee and Mayor of Yueyang city, Hunan Province, led the participants of Yueyang City industrial project construction mobile site meeting to inspect our company and observe the construction of industrial projects.



7. After the industrial park is fully put into operation, it can meet the annual output of new energy 3C semiconductor electronic circuit optical communication industry laboratory testing room environment simulation box 1200 sets; Another company has an independent sheet metal production and processing center, can independently undertake manufacturing business.



8. Standard size machine

225L High and Low Temperature Humidity
and Heat Alternating Test Chamber



225L

20 L constant temperature
and humidity test chamber

Overlapping Temperature and humidity chamber



B-TH-432



Thermalshock test chamber

Double layer constant temperature test chamber

Salt spray test chamber



**150L Vertical high and low
temperature test chamber**



Ventilation type aging test chamber



**Leaning tower ultraviolet aging
test chamber**

9 .Large non-standard real pictures display area



**3.6 m3 constant temperature
humidity laboratory**



**9 cubic meters low temperature room,
13 cubic meters high temperature room**



**Three comprehensive and
test chamber**



10. Shipment



Self-produced and sold No dealer link



Save you 30%



Quality and after-sales are recognized by customers

