Important	1. There only very few manufactures who can produce the xenon test chambers in the world. It is a highly technology and difficult to make it. These very few manufactures are : Q-LAB & ATLAS from USA, and SUGA from Japan, There no more suppliers in the world !
	2. There only 3 suppliers from China who can make it, I mean xenon test chambers. Wewon Environmental Chambers Co., Ltd. is one of the best from this 3 supplier for xenon test chambers.
	3. Now the xenon test chamber from Wewon Environmental Chambers Co., Ltd. has got the independent research and development patents. It is under the protection by National Patent and Copyright Organization with Lawyer Dept, Meanwhile, Wewon Xenon Test Chambers keeps a quite cheap price compare with Q-LAB, ATLAS, SUGA xenon test chambers. Welcome your inquiry !

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Features	1. Lamps, internal filters, external filters, digital power supply and other core accessories for Wewon Xenon Test Chambers comply with ATLAS, Q-LAB and other well-known brands in Europe and America supplier, Wewon Xenon Test Chamber break the European and American supplier's technology monopoly.
	2. Wewon Xenon Test Chamber comply with GB/T,AATCC,ASTM,GME,GMW,ISO,JASO,SAE,VDA,VW related testing standard.
	3. The main functional components of Wewon Xenon Test Chamber choose world famous configuration, the real reproduction of outdoor climate, heat, humidity and rainfall and other comprehensive conditions, Make the sample artificial accelerated aging test.

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Purpose	1. Wewon xenon test chamber use xenon arc lamp as a light source, It is a equipment for simulation and strengthening of weathering accelerated aging test, After testing, You can quickly get closely atmospheric aging test results, Used to evaluate the weather resistance of the testing material/ samples.
	2. The weathering test is an important way to optimize the composition of the product in the process of scientific research and production. It is also an important part of the product quality inspection. Application for testing such as coatings, plastic, aluminum-plastic plate and automobile safety glass are required to do this kind of weatherability test.
	3. The main factors that cause the aging for material/ product are sunlight and moisture. The Wewon Xenon Test Chamber can simulate hazards which caused by sunlight, rain and dew. The Wewon Xenon Test Chamber uses the xenon lamp to simulate the damage of sunlight, use condensed moisture simulates the rain and dew,

	4. The testing material/ product placed in a certain temperature of the light and moisture alternating cycle of the program to test, with a few days or weeks to reproduce the outdoor months or even years of the emergence of the harm/ damage.
	5. Artificial accelerated aging test data can help use select new materials/ right product, modify existing materials, and evaluate how the formulation changes affect the durability of the material/ product.

Product Name	Programmable Xenon Test Chamber from WEWON
Model	WEW-500-XD
Volume Size	512 Liters
Testing Room	800mm × 800mm × 800mm (W*D*H)
External Dimension	1350mm × 1950mm × 1350mm(W*D*H)
Sample Plate	1PC Sample Size= 70 mm× 145 mm ，70 PCS Inside During Testing
Gross Weight	250 KG

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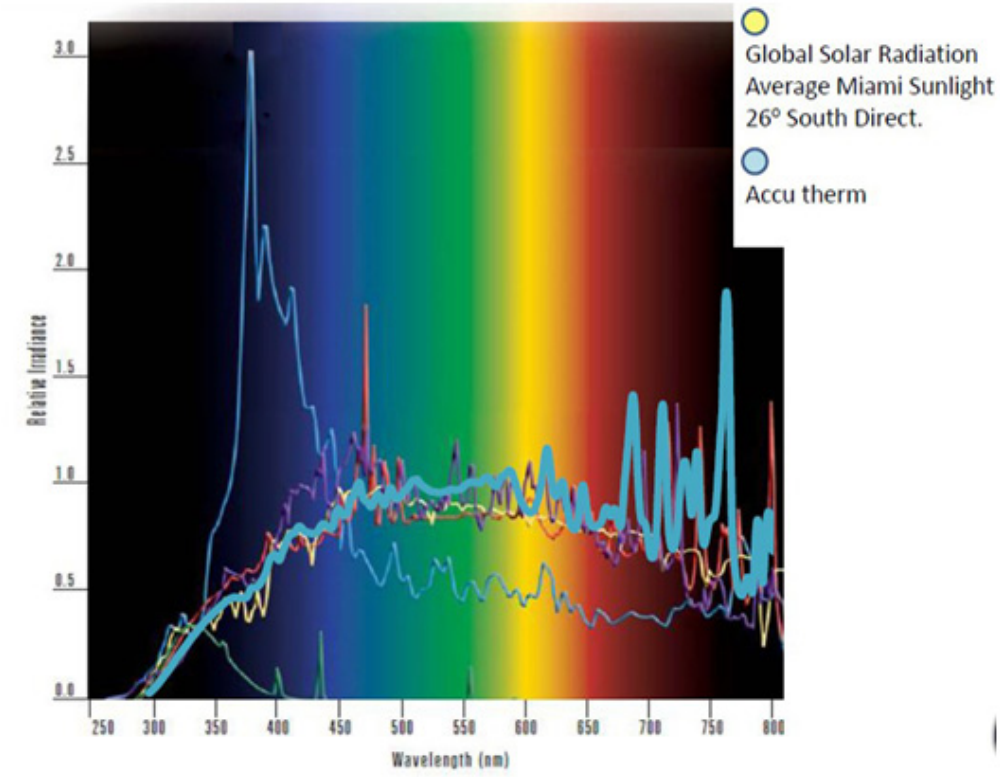
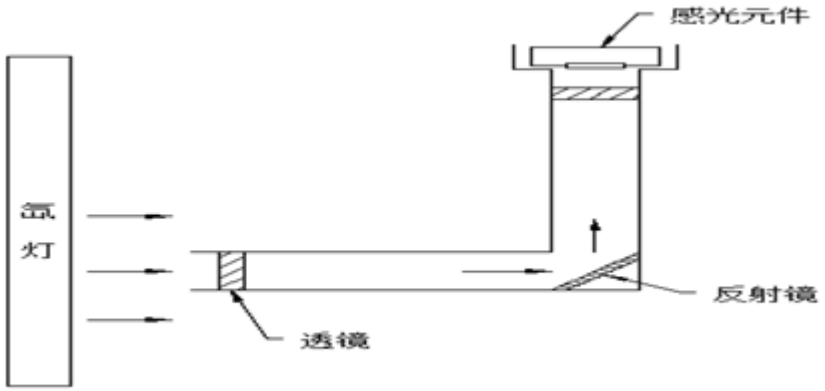
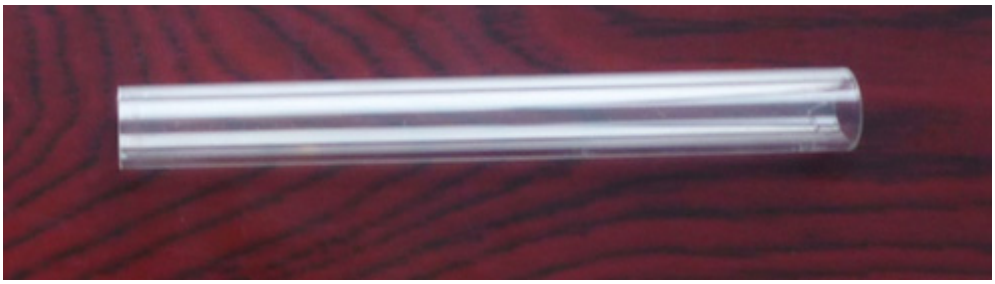
Testing Standard	Wewon Xenon Test Chamber comply with GB/T, AATCC, ASTM, GME, GMW, ISO, JASO, SAE, VDA, VW related testing standard.
Xenon Lamp Power	Long Xenon Lame，6.5KW X 1PC， Comply with ATLAS/ Q-LAB, with Same Standard. 
Xenon Lamp Wavelength	250-800nm, the aging mechanism of sunlight can be reveal in the maximum way，the sample can be set to be exposed to light which was in the summer noon for 24 hours. if you compared with the outdoor environment, The average light intensity of our sample is stronger, the average daily exposure time is longer. so that you can get the test results quickly. 
Irradiation Intensity	200-800W/M2 (at 200-800nm) Adjustable
	0.2-0.57 W/M2 (at 340nm) Adjustable
	0.4-1.22 W/M2 (at 420nm) Adjustable
Irradiation Intensity Adjustment	Microcomputer + PID digital power electronic power + Xenon lamp step less adjustment

Irradiation Intensity Measurement	With SOLAR EYETM, automatic monitoring and control. S1 high-purity quartz transparent film, gold-plated silicon corrosion-resistant reflector, high temperature linear photosensitive components to ensure that the measurement accuracy and not affected by changes in high and low temperature. 
Internal Filter	High Purity Borosilicate and S1 Type Quartz, Comply with ATLAS/ Q-LAB, with Same Standard. 
External Filter	High Purity Borosilicate and Sodium Lime, Comply with ATLAS/ Q-LAB, with Same Standard. 
Blackboard Temperature	（Room Temperature:+10℃）～110℃ Adjustable
Black Standard Temperature	（Room Temperature:+10℃）～120℃ Adjustable
Temperature Resolution	0.01℃
Humidity Range	Illumination: 45% R.H ~ 75% R.H adjustable, Dark: 20% R.H ~ 98% R.H adjustable
Humidity Resolution	0.1% R.H
Dark Cycle, Irradiation Cycle	0～9999H, Adjustment
Raining Cycle	0～9999min Adjustment
Sample Plate	1 PC SIZE:70 mm× 145 mm ，Comply with ATLAS, Q-LAB and other world famous brand.

	
Drum Shape Rotation Hang Shelf	1. Drum Shape Rotating hang shelf,the light would fully and evenly exposure to each sample,
	simulate the different outdoor conditions by using the inside and outside the filter module.
	2. High irradiation intensity control：The optical radiation intensity can be controlled to achieve two solar light or higher level
	3. Light intensity is adjustable and controllable, and good stability
	4. Blackboard temperature, black standard temperature set in the hanging shelf, and the sample synchronization of any rotation, accurate measurement of the sample surface temperature to meet the set requirements.
	5. Control of relative humidity control, to meet the global & international standard test methods
	6. Air temperature (DB), blackboard temperature (BPT), black standard temperature (BST) switchable control