

Environmental Chamber(Series E)

E001N Programmable Temperature and Humidity Chamber

To determine resistance to hot, cold, dry and moisture property for various material. Applicable for products quality management of electronic, electrical appliances, food, vehicles, metals, chemicals, building materials, etc.

- The temperature range -20 ° ~ + 150 ° / -40 ° ~ + 150 ° / -70 ° ~ + 150 °
- Humidity range 20%R.H~98%R.H



Model	Volume	Test space size (W x H x D)cm	External size (D*W*H) (cm)	Weight(kg)	Power supply
E001N-80L	80L	40x50x40	133*75*172	180	1 Phase, AC 220V 50/60Hz
E001N-150L	150L	50x50x60	149* 70*155	210	
E001N-225L	225L	60 x 75 x 50	149*800*168	260	3 Phase, AC, 380V, 50/60HZ
E001N-408L	408L	80 x 850 x 60	159*100*185	330	
E001N-800L	800L	100 x 100 x 80	179*120*197	450	
E001N-1000L	1000L	100x100x100	199*120*197	500	



E002A Salt Spray Tester

Salt spray test chamber for artificial climate environment "three prevention" (damp heat, salt spray, mold) test equipment, is the study of machinery, defense industry, light industry, electronics, instrumentation and other industries a variety of environmental adaptability

Standards

GJB150.11A-2009 Military equipment laboratory environmental test method salt spray test

GJB150.11_1986 Salt spray test

GB-T2423.17-1993 Salt spray test

ASTM.B117-2011 Salt spray test

GB/T 10125-2012 Artificial atmosphere corrosion test Salt spray test

According to CNS.JIS.ASTM specifications, the thermostatic control can be set.



Model	Test space size (L x W x H) mm	External size (L x W x H)mm	Volume
E002A-108L	600*450*400	1150*680*1130	108L
E002A-270L	900*600*500	1480*860*1200	270L
E002A-600L	1200*1000*500	2150*1350*1280	600L
E002A-800L	1600*1000*500	2550*1350*1280	800L
E002A-1000L	2000*1000*500	2950*1350*1280	1000L

E002B Programmable Salt Spray Tester

This instrument is mainly to do surface processing for various materials, including paints, electroplate, inorganic and anti-rust oil, and after anticorrosion treatment, test the corrosion resistance of their products. Widely used in the aerospace industry, automobile electronics, electronic electrician, mobile phone digital, plastic products, metal materials industries.

Test Standards

GB/T 2423.18-2000, GB/T 6461-2002, GB/T 12967.3-91 CASS, GB/T 5170.8-2008, GB/T 5170.11-2008
 GJB 150.11A-2008, GB/T 2423.17-2008, GB/T 10587-2006, GB/T 6461-2002, QB/T 3828-1999
 ASTM.B117-2009, JIS H8502, IEC 60068-2-11-1981, IEC 68-2-52 1996, ISO 9227-2006
 CNS 8886-2002, CNS 4159, CNS 4158

Optional Models

Model	Test space size (L x W x H) mm	External size (L x W x H)mm	Volume
E002B-108L	600*450*400	1150*680*1130	108L
E002B-270L	900*600*500	1480*860*1200	270L
E002B-600L	1200*1000*500	2150*1350*1280	600L
E002B-800L	1600*1000*500	2550*1350*1280	800L
E002B-1000L	2000*1000*500	2950*1350*1280	1000L



E002C-120FH Composite Salt Wet and Dry Test Chamber

Salt spray neutral test, corrosion resistance test, dry test, wet test, static test can be done alone, also can do salt spray, dry and wet, static mixed test, automatic control

□ Manual spraying, manual defogging, automatic periodic spraying, continuous spraying, timing spraying are available.

□ No need to move the product, you can realize the salt spray, wet heat, dry automatic cycle test, easy to use

Min. Test space size(W x H x D)mm 1200x800x800

Outside size(W x H x D) mm 2750x1650x1750

Test space volume(L) 768

Weight(kg) 650



E003 Thermal Shock Test Chamber

It is an ideal testing tool for the physical changes of electronic and electrical components, metals, chemical materials, automation components, communication components, defense industry, aerospace industry, BGA, PCB substrates, electronic chip IC, semiconductor ceramics and polymer materials. An ideal testing tool for physical changes of components, metals, chemical materials, automation components, communication components, defense industry, aerospace industry, BGA, PCB substrate, electronic chip IC, semiconductor ceramics and polymer materials.

- Test method: Pneumatic damper switches 3 temperature zones, water-cooled



E004 Ozone Chamber

This series of test chamber produces high concentration of ozone by ozone generator, which can be

used for aging test of non-metallic materials and organic materials (coating, rubber, plastic, paint, pigment, etc.) under ozone condition.

Temperature range 40℃~80℃

Ozone concentration 50~1000pphm

Power 1.5 KW

Standards

AATCC 109 & ISO 105 G03

Model	E004-100L	E004-150L	E004-225L	E004-408L	E004-800L	E004-1000L
Inner box volume	100L	150L	225L	408L	800L	1000L
Test chamber size (D*W*H)(cm)	45x50x45	50x60x50	60x75x50	80x85x60	100x100x80	100x100x100
Weight(kg)	200	250	300	550	960	1100

E006 Precision High Temperature Test Chamber

Precision high temperature box is suitable for electronic instruments, materials, electricians, vehicles, metals, electronic products, plastics and other electronic components in the temperature environment, testing their performance indicators and quality management purposes.

- Inner volume 150L
- Interior size 500(W)x500(D)x600(H)mm;
- Dimensions 770(W)x750(D)x1350(H)mm+110mm casters, based on the actual product
- Temperature range 50~300℃
- Temperature fluctuation ±1℃
- Voltage 380V, 50HZ
- Total power 15KW



E006A Air Exchange Aging Test Chamber

Ventilation aging test chamber is suitable for heat resistance test of electrical insulating materials, electronic parts, plasticized products and so on. To check and judge its adaptability to storage and use under high temperature environment conditions, the sample is aged in the air under simulated high temperature and atmospheric pressure, its performance is measured and compared with that of the unaged sample.

- Internal size: 500(width)x500(depth)x600(height)mm;
- outer size: 1200(width)x750(depth)x1650(height)mm
- Temperature range: normal temperature +20 ~ 150℃ temperature adjustable

Standards

- 1, GBT 3512-2014/ISO 188:2011 vulcanized rubber or thermoplastic rubber/hot air acceler and heat resistance test of type 2 turbulent air aging box structure design;
2. Method B: Use a cabinet hot air aging box with forced ventilation by a fan, and the air volume changed for 3 ~ 10 times per hour (adjustable).; ISO 5978:1990



E010 Formaldehyde Emission Test Chamber

Used for the determination of formaldehyde emission of interior decoration materials such as various

wood-based panels, composite wood floors, carpets, carpet liners and carpet adhesives, constant temperature and humidity balance treatment of wood or wood-based panels, and can also be used for the detection of volatile harmful gases in other building materials. The biggest characteristic of this product is that it can simulate indoor climate environment to the maximum extent, and the detection results are closer to the real environment, which is real and reliable.

- Temperature inside the box: Adjusting range: (15 ~ 45)°C, accuracy: $\pm 0.5^{\circ}\text{C}$;
- Relative humidity Adjustable range: (30 ~ 80)%RH, accuracy: $\pm 2\% \text{RH}$;
- Air replacement rate: Air exchange rate 0.2 ~ 2 times/hour, accuracy: ventilation rate $\pm 4\%$;

Standards

GB 18580-2017, GB 18584-2001, GB18587-2001, GB17657-2013, GB50325-2010, ENV717-1, ASTM D6007-02, LY/T1612-200

