UBD

UP-6202B Vacuum Low Pressure Test Chamber

Product Description:

High altitude low pressure simulation test chamber is in a short period of time to achive low-pressure sample storage state,can automatically control the test cycle,the entire process to monitor the pressure change in the box to achieve automatic termination of the test.

Product Parameter:

Model No	**UHV-150**	**UHV-225**	**UHV-408**	**UHV-800**	**UHV-1000**
Working room(L)	150	225	408	800	1000
Inner chamber size(mm)W*H*D	500*600*500	500*750*600	600*850*800	1000*1000*800	1000*1000*1000
Exterior chamber size(mm)W*H*D	1000*1600*1400	1000*1750*1500	1100*1850*1700	1500*2000*1700	1850*1600*2250

Packaging volume(CBM)		3	3.5	4.5	5.5	6
G.W.(KGs)		320	350	400	600	700
Performance	Temperature range	-160℃,-150℃,-120℃,-100℃,-80℃,-70℃,-60℃,-40℃,-20℃,0℃~+150℃,200℃,250℃,300℃,400℃,500℃				
	Testing temperature range	-160℃,-150℃,-120℃,-100℃,-80℃,-70℃,-60℃,-40℃,-20℃,0℃~+150℃,200℃,250℃,300℃,400℃,500℃				
	Humidity range	20%RH ~98%RH(10%RH ~98%RH or 5%RH ~98%RH)				
	Temp.fluctuation	±0.5℃(Room pressure)				
	Temp.accuracy	±2.0℃(Room pressure)				
	Heating up time	≤60min(+20℃~+150℃,RP,No-Load)				
	Cooling down time	≤45min(RP)	≤60min(RP)		≤90min(RP)	
	Pressure range	Atmospheric pressure~-98KPa,~133KPa,~0KPa				
	Pressure control tolerance	±0.1kPa(≤2kPa),±5%(2kPa~40kPa),±2kPa(≥40kPa)				
	Depressurization time	≤20min	≤25min	≤30min	≤45min	≤50min
Working environment		Temp:+5℃~+35℃;Humidity:≤90%RH;Air pressure:86-106kPa				
Material	Exterior chamber materia	Stainless steel plate+ powder coated				
	Inner chamber materia	SUS#304 stainless steel plate				
	Insulation Material	PU Fiberglass wool				
System	Air circulation system	Cooling fan				
	Heating System	SUS#304 stainless steel high-speed heater				
	Humidification system	Imported compressor,Tecumseh compressor(or Bizer Compressor),finned type evaporator,air(Water)-cooling condenser				
	Dehumidification system	ADP critical dew point cooling/dehumidifying method				
	Vaccuum system	Equipped with vacuum pump				

Controlling system	TEMI880,990
Power kw	8 10 12 15 20
Water supply	Water temperature:≤30℃;water pressure:0.2~0.4MPa;flow rate:≥10T/h
Other components	Specimen holders 2pcs,electrical wire 1pc(3M),pressure testing port.
Safety protection device	Over-heat protection circuit breaker,Compressor overload protection,Control system overload protection,Humidifying system overload protection,Overload indicator lamp.
Power supply	AC 3Ψ380V 60/50Hz

Feature:

1.Temperature range from -70 to 200℃
2.Altitude range from ground to 100,000 feet
3.Optional humidity control when altitude system is off
4.Chamber interior size specified by customer
5.Automatic altitude control, integrated with temperature controller
—No manual setting of altitude level!
6.Vacuum pump sized for climb/dive rate required by application
7.Viewing window and cable ports available

Standard:

1.GB10590-89 Low-temperature and low atmospheric pressure testing condition
2.GB10591-89 High-temperature and low atmospheric pressure testing condition
3. GB11159-89 low atmospheric pressure technical condition
4. GB/T2423.25-1992 Low-temperature and low atmospheric pressure test chamber
5. GB/T2423.26-1992 High-temperature and low atmospheric pressure test chamber
6.GJB150.2-86 High-temperature and low atmospheric pressure(Altitude) test
7,IEC60068-2-1.1990 Testing methods of Low-temperature test chambers
8,IEC60068-2-2.1974 Testing methods of High-temperature test chambers
9,IEC-540
10,ASTM D2436
11,JIS K7212
12,DIN 50011
13,BS2648
14,Mil-Std 202G (conditions 105C, A/B/C/F)
15,Mil-Std 810G (condition 500.5)
16,IEC 60068-2-39
17,IEC 60068-2-40
18,RTCA/DO-160F
19,JIS W 0812