





<p>Shanghai Linpin Instrument Stock Co., Ltd</p> <p>LENPURE®</p> <p><i>'environmental simulation - for progress of tests'</i></p>	<p>E-mail: Adrian@lenpure.com tel: 0086 21 34098788 (Adrian Xu) mobile: 0086 18721912897 www.lenpure.com</p>	<p>CATALOGUE</p> <p>lenpure® climatic chambers</p> <p>2023 version</p>
---	---	---


Part A: Standard Test Chambers


Salt Spray Test Chamber							
Model	Volume(L)	For Tests	Salt Spray Settlement	Rated Power (KW)	Internal Dimension (mm) D*W*H	External Dimension (mm) D*W*H	Photo
LRHS-108-RY	108	NSS ASS CASS	1~2ml/80cm2.h	1.5 kw	450*600*400	780*1140*1050	
LRHS-270-RY	270			1.8 kw	600*900*500	960*1460*1150	
LRHS-412-RY	412			4.0 kw	750*1100*500	1100*1730*1240	
LRHS-663-RY	663			5.0 kw	850*1300*600	1230*2150*1410	
LRHS-816-RY	816			6.0 kw	850*1600*600	1230*2450*1460	
LRHS-1080-RY	1080			6.5 kw	900*1800*600	1280*2850*1460	


Temperature Test Chamber							
Model	Volume(L)	Temperature Range (°C)	Uniformity/Fluctuation	Rated Power(KW)	Internal Dimension (mm) D*W*H	External Dimension (mm) D*W*H	Photo
LRHS-101A-LJ	101	A:-20~150°C B:-40~150°C C:-60~150°C D:-70~150°C E:or customized	±0.5°C/≤2°C	3.5kw	450*450*500	1080*980*1620	
LRHS-225A-LJ	225			5.0kw	500*600*750	1130*1130*1870	
LRHS-504A-LJ	504			6.8kw	700*800*900	1330*1180*2060	
LRHS-800A-LJ	800			9.5kw	800*1000*1000	1280*1540*2160	
LRHS-1000A-LJ	1000			10.5kw	1000*1000*1000	1540*1490*2160	


Temperature Humidity Test Chamber							
Model	Volume(L)	Temperature Range(°C)	Humidity Range(RH)	Rated Power(KW)	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-101A-LJS	101	A:-20°C~150°C B:-40°C~150°C C:-60°C~150°C D:-70°C~150°C E: or customized	30~98%RH 20~98%RH 10~98%RH Optional	5.5kw	450*450*500	1160*1000*1610	
LRHS-225A-LJS	225			6.0kw	500*600*750	1210*1150*1870	
LRHS-504A-LJS	504			9.0kw	700*800*900	1420*1340*2070	
LRHS-800A-LJS	800			11.5kw	800*1000*1000	1370*1550*2170	
LRHS-1000A-LJS	1000			12.5kw	1000*1000*1000	1560*1550*2170	


Temperature Rapid-Change Chamber							
Model	Volume(L)	Temperature Range(°C)	Temp Fluctuation	Ramp Rate	Internal Dimension D*W*H (mm)	External Dimension D*W*H (mm)	Photo
LRHS-101A-LK	101	A:-20°C~150°C B:-40°C~150°C C:-60°C~150°C D: or customized	±0.5°C	15°C/min (nonlinear)	450*450*500	1160*1000*1610	
LRHS-225A-LK	225				500*600*750	1210*1150*1870	
LRHS-504A-LK	504				700*800*900	1260*1340*2070	
LRHS-800A-LK	800				800*1000*1000	1370*1550*2170	
LRHS-1000A-LK	1000				1000*1000*1000	1560*1550*2170	



Ultra High Temperature Chamber							
Model	Volume(L)	Temperature Range(°C)	Temp Fluctuation	Ramp Rate	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-101-LG	101	RT+10°C~500°C	±1°C (100°C) ±2°C (200°C) ±4°C (300°C) ±8°C (400°C)	1~3°C/min (nonlinear)	450*450*500	1160*1000*1610	
LRHS-225-LG	225				500*600*750	1210*1150*1870	
LRHS-504-LG	504				700*800*900	1260*1340*2070	
LRHS-800-LG	800				800*1000*1000	1370*1550*2170	
LRHS-1000-LG	1000				1000*1000*1000	1560*1550*2170	


Ultra Low Temperature Chamber							
Model	Volume(L)	Temperature Range(°C)	Temp Fluctuation	Ramp Rate	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-101F-YD	101	-196°C~RT	≤±2°C	≥3°C/min (nonlinear)	450*450*500	1100*900*1350	
LRHS-225F-YD	225				500*600*750	1150*1100*1600	
LRHS-504F-YD	504				700*800*900	1350*1300*1750	
LRHS-800F-YD	800				800*1000*1000	1450*1500*1850	
LRHS-1000F-YD	1000				1000*1000*1000	1450*1500*1850	


Thermal Shock Test Chamber (Two-zones Type)							
Model	Volume(L)	Temperature in above chamber	Temperature in below chamber	Shock Temperature	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-100A-LV	100	-70°C~RT	50°C~180°C	A: -40°C~+150°C B: -55°C~+150°C C: -65°C~+150°C	450*450*500	1700*930*1650	
LRHS-150A-LV	150				500*600*500	1800*1080*1650	
LRHS-234A-LV	234				600*600*650	1950*1080*1950	
LRHS-512A-LV	512				1000*900*550	2650*1450*2250	
LRHS-753A-LV	753				1300*1050*550	3130*1620*2250	
LRHS-1000A-LV	1000				1390*1200*600	3300*1780*2250	


Thermal Shock Test Chamber (Three-zones Type)							
Model	Volume(L)	Temperature in heat chamber	Temperature in cool chamber	Ramp Rate	Internal Dimension D*W*H (mm)	External Dimension D*W*H (mm)	Photo
LRHS-100A-LW	100	60°C~200°C	-70°C~+10°C	RT~150°C≤25min RT~-55°C≤45min	450*450*500	1600*1480*2000	
LRHS-150A-LW	150				500*600*500	1650*1580*2100	
LRHS-234A-LW	234				600*600*650	2300*1100*1950	
LRHS-512A-LW	512				1000*900*550	2650*2050*2250	
LRHS-753A-LW	753				1300*1050*550	3100*2200*2250	
LRHS-1000A-LW	1000				1390*1200*600	3400*2400*2300	


Low Pressure Temperature Chamber							
Model	Volume(L)	Temperature Range(°C)	Temp Fluctuation	Pressure Range	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-101A-LF	101	A:-20°C~150°C B:-40°C~150°C C:-60°C~150°C D:or customized	±0.5°C	Atmospheric ~0.5kPa	450*450*500	1160*1000*1610	
LRHS-225A-LF	225				500*600*750	1210*1150*1870	
LRHS-504A-LF	504				700*800*900	1260*1340*2070	
LRHS-800A-LF	800				800*1000*1000	1370*1550*2170	
LRHS-100A0-LF	1000				1000*1000*1000	1560*1550*2170	




UV Light Aging Accelerating Test Chamber							
Model	Volume	Temperature Range(°C)	Humidity Range(RH)	UV Wavelength	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-NZY	260 L	RT+10°C~70°C	≥95%RH	290~400 nm	450*1170*500	680*1420*1510	
LRHS-S-NGF	600*1270 mm	60°C (specimen surface temperature)	/	280~320 nm 300~340 nm optional	600*1270	750*1880*800	
LRHS-B-NGF	1820*1000 mm				1820*1000	1400*2500*1500	



Xenon Weathering Accelerating Test Chamber (Air-cooling)							
Model	Volume(L)	Temperature Range(°C)	Humidity Range(RH)	Radiation	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-190F-SN	190	RT+10°C~70°C	65%~98%RH	≤550W/m2	500*760*500	1250*1140*1760	


Ozone Aging Chamber							
Model	Volume(L)	Temperature Range	Humidity Range	Ozone Concentration	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-101-NO3	101	0°C~70°C adjustable	40%~95%RH	50~1000 pphm 50~300 ppm	450*450*500	1160*1000*1800	
LRHS-225-NO3	225				500*600*750	1220*1150*2040	
LRHS-504-NO3	504				700*800*900	1520*1250*2180	
LRHS-800-NO3	800				800*1000*1000	1520*1540*2300	
LRHS-1000-NO3	1000				1000*1000*1000	1720*1540*2300	


Drug Stability Test Chamber							
Model	Volume(L)	Temperature Range(°C)	Humidity Range(RH)	Illumination Density	Internal Dimension (mm)	External Dimension (mm)	Photo
YP-150SD	150	0°C~65°C (no illumination)	40%~95%RH	/	600*405*620	800*910*1630	
YP-250SD	250				680*500*730	880*1010*1740	
YP-500SD	504				800*700*900	1000*1210*1900	
YP-150GSP	150	0°C~65°C (with illumination) 40W/pcs x 8pcs	40%~95%RH	1~6000LX adjustable	600*405*620	800*910*1630	
YP-250GSP	250				680*500*730	880*1010*1740	
YP-500GSP	504				800*700*900	1000*1210*1900	


Dust Sand Test Chamber							
Model	Volume(L)	Wire/Line	Powder Amount	Air Circulation	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-512-PS	512	Wire diameter 50um Line spacing 75um	2kg~4kg/m3	≤2 m/s 10~15 m/s as per requiremnt	800*800*800	1280*1260*1770	
LRHS-800-PS	800				800*1000*1000	1280*1460*1970	
LRHS-1000-PS	1000				1000*1000*1000	1480*1460*1970	
LRHS-1000-PS	1500				1000*1500*1000	1540*1960*2100	

IPX1-X6 Rain Test Chamber							
Model	Volume(L)	For Level	Nozzle Dia.	Basic Specs	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRHS-855-PL LRHS-2551-PL	855L 2551L	IPX1-X2	0.4 mm	Water dropping 1-3 mm/min	950*1000*900 1350*1400*1350	1280*1440*1870 1520*1830*2100	
		IPX3-X4	0.4 mm	Spray from ±45°, 60°, 135°, 150°, 175° 80~100kpa			
		IPX5-X6	0.4 mm	Water pressure 30 kpa 100±5 l/min			


Precise Drying Test Chamber							
Model	Volume(L)	Temperature Range(°C)	Temperature Resolution(°C)	Rated Power(W)	Internal Dimension (mm)	External Dimension (mm)	Photo
DHG-9035A	33	RT+10°C~180°C RT+10°C~300°C	0.1°C	870w	340*325*300	620*540*490	
DHG-9055A	58			1120w	420*395*350	700*610*520	
DHG-9075A	80			1570w	450*400*450	740*618*630	
DHG-9145A	135			2070w	550*450*550	840*670*730	
DHG-9245A	225			2470w	600*500*750	880*720*930	
DHG-9036A	31.5	RT+10°C~180°C RT+10°C~300°C	0.1°C	550w	300*300*350	445*450*710	
DHG-9146A	135			940w	450*550*550	550*550*800	
DHG-9246A	225			1890w	500*600*750	690*730*1100	
DHG-9426A	430			3370w	600*550*1300	770*710*1750	
DHG-9626A	625			3970w	800*600*1300	970*760*1750	


Vacuum Drying Test Chamber							
Model	Volume(L)	Temperature Range(°C) and Resolution(°C)	Floors	Rated Power(W)	Internal Dimension (mm)	External Dimension (mm)	Photo
DZF-6020	25	RT+10°C~250°C 0.1°C	1	450w	300*300*275	60*49*45	
DZF-6050	53		2	1450w	415*370*345	71*56*55	
DZF-6090	91		2	1440w	450*450*450	610*660*1400	
DZF-6210	215		3	2180w	560*600*640	720*820*1750	


Water Condensation Test Chamber							
Model	Volume(L)	Temperature Range(°C)	Humidity Range(RH)	Ramp Rate	Internal Size D*W*H mm	External Dimension (mm) D*W*H	Photo
LRHS-101-LN	101	25°C~45°C	100%RH	≤90min for heating up to 40°C	450*450*500	650*950*1500	
LRHS-225-LN	225				500*600*750	700*1100*1550	
LRHS-500-LN	504				700*800*900	900*1300*1600	
LRHS-800-LN	800				800*1000*1000	1000*1500*1700	
LRHS-1000-LN	1000				1000*1000*1000	1200*1500*1700	


Sulfur Dioxide Test Chamber							
Model	Volume(L)	Temperature Range(°C)	Humidity Range(RH)	Generating Gas	Internal Size D*W*H (mm)	External Size D*W*H (mm)	Photo
LRNS-297-RSO2	297	RT+10°C~50°C	85%~95%RH	Air Cylinder Method	600*500*900	850*900*1200	
LRNS-605-RSO2	605				850*750*950	1000*1100*1250	
LRNS-900-RSO2	900				1000*900*1000	1300*1250*1300	

Part B: Non-standard Customized Test Chambers

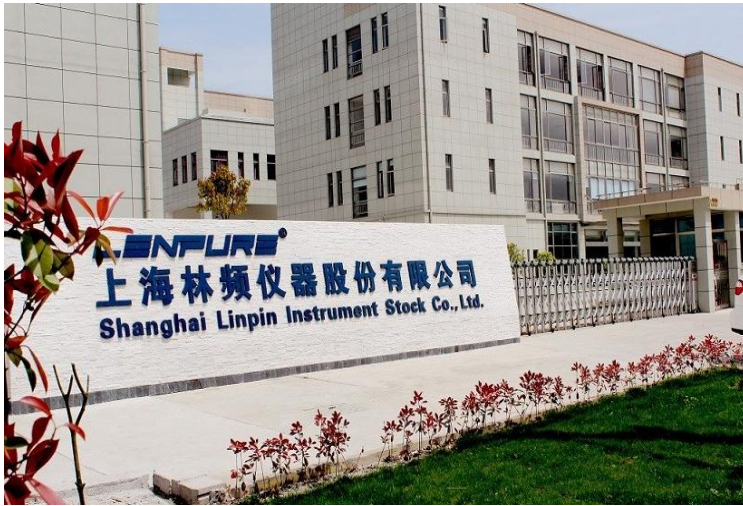
Walk-in Temperature Climatic Chamber							
Model	Volume	Temperature Range	Ramp Rate	Windows	Internal Size D*W*H mm	External Dimension (mm) D*W*H	Photo
LRHS-28m3-LJ	28 m3	-40~110°C	0.9°C/min	Defrost	5000*2700*2100	5900*5300*2960	
Note: all specifications can be customized as per your requirements, including size, temperature range, ramp rate, etc.							

Temperature-Humidity-Vibration Test Chamber			
Picture	Basic Specs		
	Temperature	Vibration	Humidity
	1. Range: -40°C~150°C 2. Temperature fluctuation: ±0.5°C 3. Dimensions: 900D*900W*800H mm 1100D*2650W*1940H mm	1. Vibration table size: 445 mm (diameter) 2. Sine propulsion: 49kN (5000kgf) Thermal propulsion: 98kN (10000kgf) 3. Max acceleration: 980m/s 4. Max loading: 100kg 5. Max speed: 2m/s 6. Max shift: 51mm p-p 7. Frequency range: 5~2700 hz	1. Range: 25~98%R.H 2. Fluctuation: ±2%R.H
Note: All specs can be customized as per requirements			

Blowing Dust Sand Test Chamber	
Picture	Basic Specs
	<ol style="list-style-type: none">1. Workingroom Size: 600D*600W*600H mm2. External Size: 4250D*2200W*2150H mm3. Test: Sand/Dust blowing4. Max Speed: 29 m/s (or customized as required)5. Temperature function: yes6. Humidity function: yes
Note: All specs can be customized as per requirements	

Salt Spray Cyclic-Corrosion Chamber (Salt Fog+Temperature+Humidity+Dry)	
Picture	Basic Specs
	<ol style="list-style-type: none">1. Functions: Salt spray, Temperature, Humidity, Dry2. Controller: Touch-screen, programmable3. Internal Size: 1000D*1000W*1000H mm
Note: All specs can be customized as per requirements	

Part C: Brief Introduction



About Lenpure®

Lenpure is a brand owned by Shanghai Linpin Group.

Lenpure is a leading manufacturer of climatic chambers in China.

Lenpure manufactures a wide range of test chambers including but not limited as below:

1. Temperature and/or humidity chambers
2. Weather aging test chambers (xenon, UV, ozone, sulfur dioxide, etc)
3. IP level tests chambers (IPX1-X6 rainfall, IP5X-6X dust/sand test chambers)
4. Walk-in climatic chambers

R&D Team

Lenpure cooperates with Shanghai Jiao-Tong University as a R&D center.

Lenpure has dozens of preeminent specialists in the industry.

Lenpure provides design, manufacture, QC, installation & training service.

Lenpure has rich experience in making various complex projects.



Partners

Lenpure gives first priority to providing satisfactory products and service.

Lenpure has established stable cooperation with lots of world-top-500 enterprises.

Lenpure opens its door for all friends from home and abroad.