

300°C Benchtop Drying Oven

300°C 台式鼓风干燥箱

Product Introduction

Benchtop Drying Ovens are used for drying/curing electronic components, material tests, wax-melting, high temperature aging, preheating and sterilization in industrial and mining enterprises, laboratories and scientific research institutes.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers of glass door, large transparent window to observe specimen.
- Forced air convection.

Technical Parameters

Model	TG-9023B	TG-9030B	TG-9053B	TG-9070B	TG-9123B	TG-9140B	TG-9203B	TG-9240B
Capacity	25L	35L	50L	80L	105L	135L	200L	225L
Interior Dim.(W*D*H)mm	300*300*270	340*325*325	420*350*350	450*400*450	550*350*550	550*450*550	600*550*600	600*500*750
Exterior Dim.(W*D*H)mm	585*480*440	625*510*495	700*530*515	735*585*620	835*530*725	835*630*730	885*730*795	890*685*930
Temperature Range	RT+10°C ~ 300°C							
Temperature Fluctuation	± 1.0°C							
Temperature Resolution	0.1°C							
Temperature Uniformity	≤ ±2%							
Shelves	2PCS							
Timing	0~ 9999 min							
Power Supply	AC220V 50HZ							
Ambient Temperature	+5°C~ 40°C							

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole. All technical data are measured under ambient 20 °C,50%RH,unload.

200°C & 250°C Floor-standing Drying Oven

200°C & 250°C 立式鼓风干燥箱

Product Introduction

Floor-standing Drying Ovens are used for drying/curing electronic components, material tests, wax-melting, high temperature aging, preheating and sterilization in industrial and mining enterprises, laboratories and scientific research institutes.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers of glass door, large transparent window to observe specimen.
- Forced air convection.

Technical Parameters

Model	TG-9030A	TG-9070A	TG-9140A	TG-9240A	TG-9420A	TG-9620A	TG-9920A	TG-010A
Capacity	30L	80L	136L	220L	420L	620L	920L	1000L
Interior Dim.(W*D*H)mm	340*320*320	450*400*450	550*450*550	600*500*750	640*585*1355	840*600*1355	1000*600*1600	1000*1000*1000
Exterior Dim.(W*D*H)mm	620*440*490	740*530*630	840*580*730	880*630*930	780*730*1780	980*800*1880	1140*800*2150	1145*1440*1380
Temperature Range	RT+10°C ~ 200°C/RT+10°C ~ 250°C							
Temperature Fluctuation	± 1.0°C							
Temperature Resolution	0.1°C							
Temperature Uniformity	≤ ±2%							
Shelves	2PCS				3PCS	4PCS		
Timing	0~ 9999 min							
Power Supply	AC220V 50HZ				AC380V 50HZ			
Ambient Temperature	+5°C~ 40°C							

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole.
All technical data are measured under ambient 20 °C,50%RH,unload.

Burn In Oven

烧机炉

Product Introduction

Burn-in oven is designed for burn-in test under constant temperature baking environment in electronic & semiconductor industry, such as electronic devices, ICs and other semiconductor devices, the main purpose is to check reliability of electronic components. This stress testing detects failures in product samples, each oven is made industrial quality components with long service life.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers tempered glass door to observe specimen.
- Forced air convection.
- Nitrogen supply with flow-meter.

Technical Parameters

Model	CS-9140A	CS-9240A	CS-9420A	CS-9620A	CS-9920A
Capacity	136L	220L	420L	620L	920L
Interior Dim.(W*D*H)mm	550*450*550	600*500*750	640*585*1355	840*600*1355	1000*600*1600
Exterior Dim.(W*D*H)mm	840*580*730	880*630*930	780*730*1780	980*800*1880	1140*800*2150
Temperature Range	RT+20°C ~ 250°C				
Temperature Fluctuation	± 1.0°C				
Temperature Resolution	0.1°C				
Temperature Uniformity	≤±2.5%(≤±1.5% is customized)				
Shelves	2PCS		3PCS	4PCS	
Timing	0~ 9999 min				
Protection Devices	Independent over temperature limit protection, motor over-load protection, heater short circuit protection, over current protection, emergency switch, 3-color lamp, etc.				
Power Supply	AC220V 50HZ		AC380V 50HZ		
Ambient Temperature	+5°C~ 40°C				

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole.
All technical data are measured under ambient 20 °C, 50%RH, unload.

300°C Drying Oven

300°C鼓风干燥箱

Product Introduction

300°C Drying Ovens are used for drying/curing electronic components, material tests, wax-melting, high temperature aging, preheating and sterilization in industrial and mining enterprises, laboratories and scientific research institutes.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers of glass door, large transparent window to observe specimen
- Forced air convection.

Technical Parameters

Model	TG-9030B	TG-9070B	TG-9140B	TG-9240B	TG-9420B	TG-9620B	TG-9920B	TG-010B
Capacity	30L	80L	136L	220L	420L	620L	920L	1000L
Interior Dim.(W*D*H)mm	340*320*320	450*400*450	550*450*550	600*500*750	640*585*1355	840*600*1355	1000*600*1600	1000*1000*1000
Exterior Dim.(W*D*H)mm	620*440*490	740*530*630	840*580*730	880*630*930	780*730*1780	980*800*1880	1140*800*2150	1145*1440*1380
Temperature Range	RT+10°C ~ 300°C							
Temperature Fluctuation	± 1.0°C							
Temperature Resolution	0.1°C							
Temperature Uniformity	≤ ±2%							
Shelves	2PCS				3PCS	4PCS		
Timing	0~ 9999 min							
Power Supply	AC220V 50HZ				AC380V 50HZ			
Ambient Temperature	+5°C~ 40°C							

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole. All technical data are measured under ambient 20 °C,50%RH,unload.

400°C Precision Oven

400°C精密烘箱

Product Introduction

400°C Precision Ovens are used for baking/curing electronic components, material tests, wax-melting, high temperature aging, preheating under precise temperature control environment, widely applied in industrial and mining enterprises, laboratories and scientific research institutes.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers of glass door, large transparent window to observe specimen.
- Forced air convection.

Technical Parameters

Model	TBPG-9030A	TBPG-9050A	TBPG-9100A	TBPG-9200A
Capacity	30L	50L	90L	215L
Interior Dim.(W*D*H)mm	320*320*300	350*350*400	450*450*450	600*600*600
Exterior Dim.(W*D*H)mm	665*600*555	695*635*635	795*730*690	950*885*840
Temperature Range	100°C ~ 400°C			
Temperature Fluctuation	± 1.0°C			
Temperature Resolution	0.1°C			
Temperature Uniformity	≤ ±2% (≤ ±1.5% is customized)			
Shelves	2PCS			
Timing	0~ 9999 min			
Power Supply	AC220V 50HZ		AC380V 50HZ	
Ambient Temperature	+5°C~ 40°C			

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole.
All technical data are measured under ambient 20 °C,50%RH,unload.

500°C Precision Oven

500°C精密烘箱

Product Introduction

500°C Precision Ovens are used for baking/curing electronic components, material tests, wax-melting, high temperature aging, preheating under precise temperature control environment, widely applied in industrial and mining enterprises, laboratories and scientific research institutes.



Feature

- Exterior chamber is made by reinforced steel with painting; working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm, timing range within 0~9999min.
- Hot air circulation system composed of Germany imported low-noisy air blower and optimal air duct which ensure uniform temperature distribution.
- Double layers of glass door, large transparent window to observe specimen.
- Forced air convection.

Technical Parameters

Model	TBPW-9030A	TBPW-9050A	TBPW-9100A	TBPW-9200A
Capacity	30L	50L	90L	215L
Interior Dim.(W*D*H)mm	320*320*300	350*350*400	450*450*450	600*600*600
Exterior Dim.(W*D*H)mm	665*600*555	695*635*635	795*730*690	950*885*840
Temperature Range	100°C ~ 500°C			
Temperature Fluctuation	± 2.0°C			
Temperature Resolution	0.1°C			
Shelves	2PCS			
Temperature Uniformity	≤ ±1.5%			
Timing	0~ 9999 min			
Power Supply	AC380V 50HZ			
Ambient Temperature	+5°C~ 40°C			

Options. Programmable LCD temperature controller .Temperature record printer .RS485 port and communication software .Φ25mm test hole.
All technical data are measured under ambient 20 °C,50%RH,unload.

Anaerobic Oven

厌氧烘箱

Product Introduction

Anaerobic oven is mainly applied in aerospace, petrochemical, military, ship, electronics, communications and other scientific research and production units, it is used to do BPO/PI/BCB curing, and IC (wafer, CMOS, Bumping, TSV, MENS, fingerprint identification), FPD, high-precision electronic components, electronic ceramic materials dust-free drying, electronic products, materials, components and other high-temperature clean environment drying and aging test.



Feature

- The oven consists of chamber body, electrical control cabinet, the electric heating, the air duct, N2 intake and exhaust and air-cooled part.
- Exterior chamber is made by A3 steel plates, working chamber made by anti-corrosion stainless steel SUS#304.
- Intelligent PID control, LED controller with over-temperature alarm.
- Temperature and oxygen content data logging function.
- Equipped with oxygen analyzer for O2% analyzing.

Technical Parameters

Model	MOLYY-120	MOLYY-175	MOLYY-288	MOLYY-512
Capacity	120L	175L	288L	512L
Interior Dim.(W*D*H)mm	600*450*450	700*500*500	800*600*600	800*800*800
Temperature Range	RT+10°C ~ 260°C Max.300°C			
Temperature Precision	±1°C			
Temperature Uniformity	±2%°C			
Working Chamber	1 or 2 (up-down design)			
Oxygen Content	Under high temperature ≤50ppm; Under low temperature ≤100ppm			
Heating Time	1h			
Cooling Time	260°C~80°C:1-2h (air cooling or water cooling)			
Shelves	2pcs		3pcs	
Ambient Temperature	+5°C~ 40°C			

All technical data are measured under ambient 20 °C,50%RH,unload.

Clean Oven

无尘烘箱

Product Introduction

Clean oven is mainly applied in Electronic LCD display,LCD,CMOS,IC, medical laboratories and research institutes,it is used for dust-free drying, electronic products, materials, components and other high-temperature clean environment drying and aging test.



Feature

- The oven consists of chamber body, electrical control cabinet, the electric heating, the air duct, dust filter part, N2 intake and exhaust and air-cooled part.
- Adopt imported 2mm thickness SUS#304 stainless steel with argon welding,and clean by alkaline soda water effectively prevent the machine dust generation.
- High tensity 100K grade glass wool insulation to prevent heat energy waste.
- Imported SHEATHED HEATER,no dust and no oxidation electric heating generator.
- Horizontal air supply from left to right through U.S. imported H.E.P.A (special air duct design), the filtration effect can reach 99.995%, class100.

Technical Parameters

Model	MOLWG-91	MOLWG-120	MOLWG-288	MOLWG-490	MOLWG-640	MOLWG-770	MOLWG-1200	MOLWG-1600
Capacity	90L	120L	288L	490L	640L	768L	1200L	1400L
Interior Dim.(W*D*H)mm	450*450*450	450*600*450	600*800*600	700*1000*700	800*1000*800	800*1200*800	1000*1200*1000	1000*1400*1000
Temperature Range	RT+10°C ~ 250°C/RT+10°C ~ 300°C							
Temperature Precision	±1°C							
Temperature Uniformity	±2°C							
Cleanliness	Class 100 (Standard FED-STD 209E 0.3um≤300 Particle, 0.5≤100 Particle)							
Shelves	2PCS			3pcs	5pcs			
Ambient Temperature	+5°C~ 40°C							

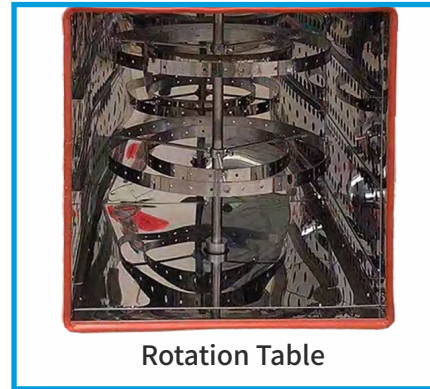
All technical data are measured under ambient 20 °C,50%RH,unload.

High Temperature Aging Oven

高温老化箱

Product Introduction

High Temperature Aging Oven is mainly used in the application of rubber and plastic, various insulation materials and products in the cable industry(non-flammable and non-explosive) for drying, high-temperature aging experiment, sterilization and the like.



Rotation Table

Feature

- Streamline design, exterior is made by A3 cold-rolled steel plate, surface static spraying, interior is made by stainless steel SUS#304.
- The air duct structure can force the convection to simulate the air circulation, so as to ensure temperature uniformity inside.
- The device adopts microcomputer PID control, LED controller with automatic temperature control, timing, over-temperature alarm, etc.
- Advanced insulation technique and materials adopted, so that the temperature inside is not easily lost, and more energy-saving.
- Independent temperature limit controller, dual protection system to ensure safety. (optional)
- The standard oven is equipped with a rotary table, stainless steel wire shelf is optional.

Technical Parameters

Model	TG-90B	TG-200B
Capacity	90L	200L
Interior Dim.(W*D*H)mm	450*450*450	600*600*600
Exterior Dim.(W*D*H)mm	900*800*1000	1050*950*1150
Temperature Range	50°C ~ 300°C	
Temperature Fluctuation	± 0.5°C	
Temperature Resolution	0.1°C	
Rotation Speed	10~12 R.P.M.	
Adjustable Air Change Rate	≤100 Times/Hour	
Timing	1~9999min	
Observation Window	Reinforced Tempering Glass	
Air Circulation	Forced Air	
Safety Devices	Leakage switch, fuse wire, over-current and over-temperature alarm	
Power Supply	AC220V 50HZ	
Ambient Temperature	+5°C~ 40°C	

Options. LCD Programmable controller .Independent temperature limit controller .Test hole .Insert printer .RS485 communication interface
All technical data are measured under ambient 20 °C,50%RH,unload.

Benchtop Vacuum Oven

台式真空干燥箱



Product Introduction

Vacuum Oven is specially designed to dry thermo-sensitive,oxidative materials under vacuum condition in industrial and mining enterprises, laboratories, and scientific research institutes. The inner chamber can be filled with inert gases for fast drying.

Feature

- Minimize heating time, 50% less than traditional vacuum oven.
- Exterior chamber is made by reinforced steel with painting, working chamber made by stainless steel #304.
- Intelligent PID control,LED controller,double layers of bulletproof glass door.
- Designed to dry gently with its homogeneous temperature distribution.

Technical Parameters

Model	TZF-6020	TZF-6030	TZF-6050	TZF-6090	TZF-6250
Capacity	20L	30L	50L	90L	250L
Interior Dim.(W*D*H)mm	300*300*275	320*320*300	415*370*345	450*450*450	700*600*600
Exterior Dim.(W*D*H)mm	610*445*470	630*460*500	720*515*535	755*595*720	1225*765*890
Temperature Range	RT+10°C ~ 200°C				
Temperature Fluctuation	± 0.5°C				
Temperature Resolution	0.1°C				
Vacuum Degree	<133 Pa				
Vacuum Gauge	Mechanical needle				
Shelves	1pcs	2pcs		3pcs	
Power Supply	AC220V 50HZ			AC380V 50HZ	
Ambient Temperature	+5°C~ 40°C				

Remark. TDZF-6020/TDZF-6030/TDZF-6050/TDZF-6250 are type A,TDZF-6090/TDZF-6210 are type B.
All technical data are measured under ambient 20 °C,50%RH,unload.

Options

Programmable LCD temperature controller .Inert gas port. Vacuum pump 2XZ-2/2XZ-4 .Dry filter.

Vacuum pump

Model	2XZ-2	2XZ-4
Pump speed(L/S)	2	4
Ultimate pressure(Pa)	Partial pressure	≤6×10 ⁻²
	Total pressure	≤1.33
Motor power(Kw)	0.37	0.55
Rotary speed(r/min)	1400	1400
Working Voltage(v)	220V/380V 50HZ	220V/380V 50HZ
Inlet Diameter(mm)	φ30	φ30
Noise(dBA)	68	68
Oil Capacity(L)	1.2	1.2
Dimension(mm)	514×168×282	565×168×282
Weight(kg) G/N	22/20	24/22

Floor-standing Vacuum Oven

立式真空干燥箱

Product Introduction

Vacuum Dry Oven suits heat treatment under vacuum conditions such as defoaming, dehydration, hardening and drying electronic products, widely used in vacuum drying of lithium-ion battery, led photoelectric element, crystal oscillator and other electronic products.

Type A



Type B



Feature

- Minimize heating time, 50% less than traditional vacuum oven.
- Exterior chamber is made by reinforced steel with painting, working chamber made by stainless steel #304.
- Intelligent PID control, LED controller, double layers of bulletproof glass door.
- Designed to dry gently with its homogeneous temperature distribution.

Technical Parameters

Model	TDZF-6020	TDZF-6030	TDZF-6050	TDZF-6090	TDZF-6210	TDZF-6250
Capacity	20L	30L	50L	90L	210L	250L
Interior Dim.(W*D*H)mm	300*300*275	320*320*300	415*370*345	450*450*450	560*640*600	700*600*600
Exterior Dim.(W*D*H)mm	350*500*1275	370*520*1300	450*570*1350	620*605*1405	730*800*1670	900*800*1670
Temperature Range	RT+10°C ~ 200°C					
Temperature Fluctuation	± 0.5°C					
Temperature Resolution	0.1°C					
Vacuum Degree	<133 Pa					
Vacuum Gauge	Mechanical needle					
Shelves	1pcs		2pcs		3pcs	
Power Supply	AC220V 50HZ				AC380V 50HZ	
Ambient Temperature	+5°C~ 40°C					

Options. LCD Programmable controller .Independent temperature limit controller .Test hole .Insert printer .RS485 communication interface
All technical data are measured under ambient 20 °C,50%RH,unload.