

Haisern

eco series

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Drying Oven



Furnace



Water distiller



Centrifuge

About Us

Tianjin Haisern Instruments Co., Ltd, established in 2023, is a research and manufacturing enterprise specializing in laboratory instruments in the field of chemical analysis and life sciences.

Our company also has a 25000m² factory in Tianjin city, producing various laboratory instruments. The products mainly include laboratory drying ovens, incubators, freezers, circulating water bath, pipettes, centrifuges, magnetic stirrers, biosafety cabinets, ultrapure water machines, autoclave sterilizers, etc.

Our factories has obtained CE certification, ISO9001 certification, and ISO13485 quality management system certification, is a leading laboratory equipment manufacturer and exporter in China.



CATALOG

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Description

101 and 202 series lab drying oven is widely used for drying, baking, soluble wax, solidification and thermal treatment in university, industrial and mining, food processing, biochemistry, agriculture, pharmaceuticals industry, etc.

Features

- Cold rolling steel outer shell with powder coating, durable and anti corrosion;
- Stainless steel inner chamber;
- Horizontal air type, high space utilization and good temperature uniformity;
- 101: Forced convection, 202: Classical natural convection drying method;
- Anti-hot handle;
- Adjustable air outlet at top;



Model	101-0D	101-1D	101-2D	101-3D
	202-0D	202-1D	202-2D	202-3D
Cycle Mode	101 means Forced convection; 202 means Natural convection			
Function	Temp. Range RT+10-250°C			
	Temp. Resolution Ratio 0.1°C			
	Temp. Motion ±1°C			
	Temp. Uniformity 101 model: ±2.5% , 202 model: ±3.5%			
Structure	Inner Chamber B model:High quality stainless steel; without B model:High strength galvanized sheet			
	Outer Shell Cold rolling steel electrostatic spraying exterior			
	Insulation layer High quality rock wool board(with CE)			
	Heater 101 model with Stainless steel electric heating tube; 202 model with Nickel chromium alloy heating wire			
	Power rating	1.2kW	1.6kW	2.3kW
Exhaust hole	Φ35mm top(with function of test hole)			
Controller	Temp. control mode Two temperature section PID intelligent			
	Temp. setting mode Touch button setting			
	Temp. display mode LED Digital display			
	Timer 0-9999min(with timing wait function)			
	Operation function Fixed temperature operation, timing function,auto stop.			
Additional function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory			
	Sensor PT100			
Safety device	Over temperature sound-light alarm			
Specification	Inner Chamber size(W*L*H)(mm)	350*350*350	450*350*450	600*500*750
	Exterior size (W*L*H)(mm)	652*472*587	752*472*687	902*622*986
	Packing size (W*L*H)(mm)	745*605*745	845*605*850	955*755*1150
	Volume	43L	71L	225L
	Shelf number	9	13	25
	Load per rack	15kg		
	Shelf space	25mm		
	(50/60HZ)Current rating	AC220V/5.5A	AC220V/7.3A	AC220V/13.6A
Accessory	Shelf	2		
	Shelf frame	4		
optional accessories	Shelves			

Description

DH series incubators are suitable for scientific research institutions such as medical and health institutions, biochemistry laboratories and agricultural science departments, are used for cultivation experiments including bacterial culture, breeding , fermentation, etc.

Features

- Cold rolling steel outer shell with powder coating, durable and anti corrosion;
- Stainless steel inner chamber;
- The door is fitted with an observation window for clear sample viewing;
- Equipped with magnetic sealing strips, the door achieves superior airtightness;
- Classic natural convection mode,excellent temperature uniformity inside;
- Adjustable air outlet at top;



Model	DH-3600D	DH-4000D	DH-5000D	DH-6000D	
Cycle Mode	Natural convection				
Function	Temp. Range RT+5-70°C				
	Temp. Resolution Ratio 0.1°C				
	Temp. Motion ±0.5°C				
	Temp. Uniformity ±1.5°C				
Structure	Inner Chamber B :mirror stainless steel; without B : High strength galvanized sheet				
	Outer Shell Cold rolling steel electrostatic spraying exterior				
	Insulation layer High quality foam board				
	Heater Mica electrothermal film				
	Power Rating	0.35kW	0.45kW	0.6kW	0.7kW
Exhaust hole	Φ35mm top with function of test hole				
Controller	Temp. control mode PID Intelligent				
	Temp. setting mode Touch button setting				
	Temp. display mode Measuring temperature: LED upper row; setting temperature: the lower row				
	Timer 0-9999min (with timing wait function)				
	Operation function Fixed temperature operation, timing function,auto stop.				
	Additional function Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory				
	Sensor PT100				
Safety device	Over temperature sound-light alarm				
Specification	Inner Chamber size(W*L*H)(mm)	350*350*350	400*350*450	500*450*550	600*580*600
	Exterior size (W*L*H)(mm)	525*480*620	575*480*720	675*580*820	775*710*870
	Packing size (W*L*H)(mm)	595*562*795	645*562*885	745*662*990	845*792*1040
	Volume	45L	65L	125L	210L
	Shelf number	7	10	13	14
	Load per rack	15kg			
	Shelf space	35mm			
	Current rating	AC220V/1.1A	AC220V/1.1A	AC220V/2.3A	AC220V/2.7A
Accessory	NW/GW (kg)	27/40	32/45	45/60	55/70
	Shelf	2			

Description

WHL-25AB and WP-25AB are most popular desktop drying oven and incubator with 18L capacity, they are widely used for drying, baking, soluble wax, solidification and thermal treatment in university, industrial and mining, food processing, biochemistry, agriculture, pharmaceuticals industry, etc.

Features

- Cold rolling steel outer shell with powder coating, durable and anti corrosion;
- Stainless steel inner chamber;
- The door is fitted with an observation window for clear sample viewing;
- Equipped with magnetic sealing strips, the door achieves superior airtightness;
- Classic natural convection mode,excellent temperature uniformity inside;
- Adjustable air outlet at top;



Model		WHL-25AB	WP-25AB
Function	Cycle Mode	Natural convection	
	Temp. Range	RT+10-300°C	RT+5-65°C
	Temp. Resolution	0.1°C	
	Ratio		
	Temp. Motion	±1°C	±0.5°C
	Temp. Uniformity	±3.5%	±2.0%
Structure	Inner Chamber	B model: mirror stainless steel; without B model: High strength galvanized sheet	
	Outer Shell	cold rolling steel electrostatic spraying exterior	
	Insulation layer	High quality rock wool board (with CE)	
	Heater	Nickel chromium alloy heating wire	
	Power rating	0.6kW	0.18kW
	Exhaust hole	φ35mm top (with function of test hole)	
Controller	Temp. control mode	Two temperature section intelligent PID	
	Temp. set mode	Touch button setting	
	Temp. display mode	Measuring temperature: display on the four digital tubes upper row ; setting temperature: display on the lower row	
	Timer	0-9999min(with timing wait function)	
	Operation function	fixed temperature operation, timing function, auto stop	
	Additional function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	
Safety device	over temperature sound-light alarm		
Specification	Inner Chamber size e(W*L*H)(mm)	260*260*260	
	Exterior size (W*L*H)(mm)	380*455*568	
	Packing size (W*L*H)(mm)	515*480*640	
	Volume	18L	
	Shelf number	6	
	Load per rack	15kg	
	Shelf space	29mm	
	(50/60HZ)Current rating	AC220V/2.7A	AC220V/0.8A
	NW/GW (kg)	15/22	
	Accessory	Shelf 2	

Description

Box-type resistance furnaces are specially designed for laboratories of industrial and mining enterprises, institutions of higher learning and scientific research institutes. They are used for chemical elemental analysis, as well as high-temperature heat treatment such as quenching, annealing and tempering of small steel parts. They can also be applied to high-temperature heating processes including sintering, melting and analysis of metals, stone materials and ceramics.

Features

- The series box-resistance furnaces adopt the cold rolling steel spraying exterior. Lifting and horizontal moving type door ensure the inner temperature evenness and no leakage under the high temperature.
- PID two digitals screen controller or Programmable controller as requirement. Controller has the function of timing and over-temperature protection.
- Medium temperature box adopts enclosed firepot. The spiral electric alloy wire coil as heating component coiled on the furnace walls. It is efficient and durable.
- The heat preservation material adopts 0.4-0.6 light cellular heat insulator stick and alumina silica cell cotton, it has lower thermal storage and heat conductivity factor, large thermal storage in firepot, heating fast, the furnace surface temperature is low and high effective.
- Optional accessories: Chimney, Air inlet.



Model	Power (KW)	Max Tem. (°C)	Voltage (V)	Working Voltage (V)	Tem. Rising time (empty/min)	Inner Chamber Size (mm)	Exterior Size (mm)	Packing Size (mm)	N.W. (Kg)	G.W. (Kg)
SX-2.5-10	2.5	1000	220	220	≤60	200×120×80	595×410×467	780×490×550	67	80
SX-4-10	4		220	220	≤80	300×200×120	790×500×527	900×610×640	134	150
SX-8-10	8		380	380	≤90	400×250×160	910×600×635	930×630×650	203	230
SX-12-10	12		380	380	≤100	500×300×200	1100×720×675	1120×770×740	271	305
XL-1	4	1200	220	220	≤80	325×200×125	650×600×470	750×650×540	70	92
SX-2.5-12	2.5		220	220	≤100	200×120×80	595×410×464	790×590×560	67	80
SX-5-12	5		220	220	≤120	300×200×120	790×500×527	900×590×640	135	150
SX-10-12	10		380	380	≤120	400×250×160	910×600×635	1120×770×740	203	230

Description

This device uses the tap-water to produce the pure water and use the electric heating method to produce the distilled water. It is widely used in the school laboratory, food processing, biochemistry, agriculture and etc.

Features

- Main structure is made of stainless steel.
- Easy operation, steady output.
- Model DZ has special water level control system. It will alarm when the water in evaporation barrel is under the warning water level, and then cut the power automatically. when the water is replenished, it continues working.



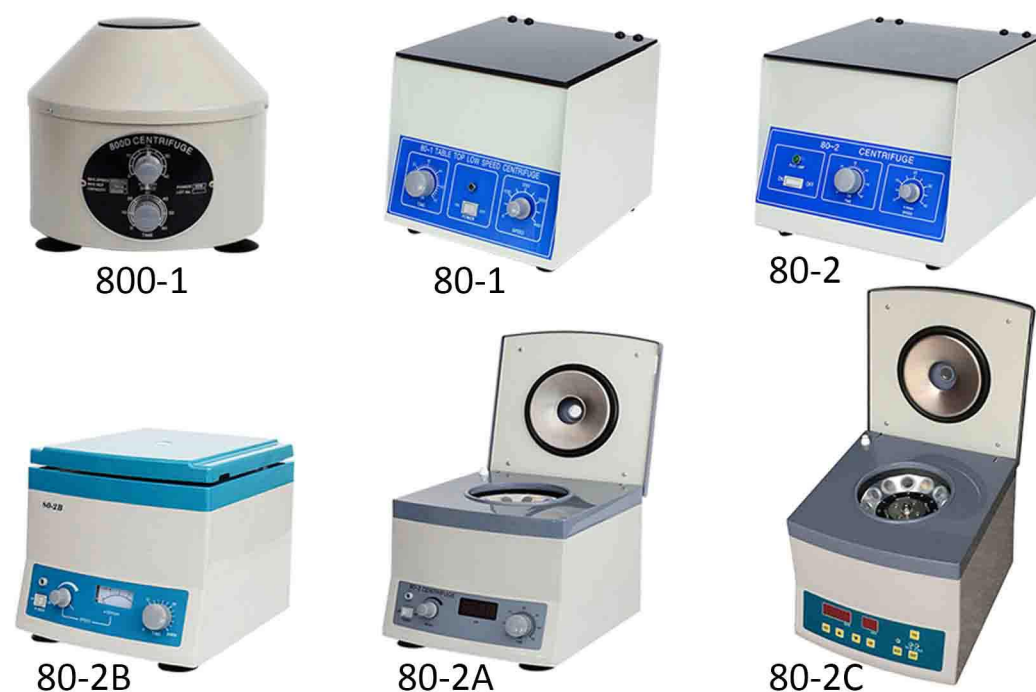
Model	HS.Z11.5L	HS.Z11.10L	HS.Z11.20L	DZ-5LIII	DZ-10LIII	DZ-20LIII	
Method	water condensation						
Performance	output(L/h)	5	10	20	5	10	20
Structure	evaporator	stainless steel					
	condenser	stainless steel					
	heating device	stainless steel heating tube					
Controller	rated power	4.5kw	7.5kw	15kw	4.5kw	7.5kw	15kw
	automatic alarm	x	x	x	√	√	√
	automatic power cut	x	x	x	√	√	√
Safety device	automatic recovery	x	x	x	√	√	√
		no			water shortage alarm, water shortage power-off, water recovery		
Specification	exterior size (W×D×Hmm)	φ305×730	φ335×830	φ405×980	φ305×730	φ335×830	φ405×980
	packing size (W×D×Hmm)	380×350*810	380×360×900	410×410×1110	380×350×810	380×360×900	410×410×1110
	Power source(50/60Hz)	AC220V/20A	AC380V/11A	AC380V/23A	AC220V/20A	AC380V/11A	AC380V/23A
	NW/GW	4.7/6.7kg	6.3/7.8kg	9.5/11kg	5/7kg	7/9kg	10/12kg

Description

The low speed centrifuge is suitable for qualitative analysis of serum, plasma and urea in medical products, blood stations, clinical trials and biochemical laboratories.

Features

- Beautiful shape, large capacity.
- Stable performance, adjustable speed, automatic balance adjustment.
- Low temperature rise, high efficiency.
- Wide range of uses.



Model	800	800-1	80-1	80-2	80-2B	80-2A	80-2C
Power	AC220V/110V 50Hz/60Hz						
Max Speed	4000rpm						
Capacity	20/15ml x 6 (angle rotor)			20/15ml x 12 (angle rotor)			
Max rcf	1790xg			2325xg			
Timer	Null	0-60min					0-99min
Display	Null				Pointer	LED Digital	
Safety	Null				Auto Stop		