

Guangzhou Maite Technology Co.,Ltd

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Company profile

Guangzhou Maitech Co., Ltd. is located in Baiyun District of Guangzhou city. It has high-tech and high-efficiency entity integrating product development, production, sales and service. The company specializes in the production of drying oven, industrial dryer, lab incubator, humidity chamber, climate chamber, shaker, and other laboratory equipment. The production factory covered over 1000m², there are also design team and sales team, we can offer professional design conception and customized products service. In the past 5 years, we developed our business widely overseas. Our major customers are from North America, South America, East Asia and Africa. our company is set as R&D department, sales group, workshops. the production workshop covers over 1000m², there are laser machine, welding machine and cutting machine etc. ISO9001, CE certificates are also acquired. We can customize products according to customers' requirements.



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Content

- P1-P2: 101 series drying oven**
- P3-P4: 101 series vertical type**
- P5-P6: KH series drying oven**
- P7-8: YH series industrial oven**
- P9-P10: XCT 500C oven & GWX 600C oven**
- P11-P12: Vacuum oven DZF**
- P13: 303 series lab incubator**
- P14: Biochemical incubator**
- P15-P16: Muffle furnace**
- P17-P18: Muffle furnace SX2**
- P19-P22: Laminar flow hood**
- P23-P24: plant growth chamber**

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Industrial/lab drying oven 101 series



Application: 101 is a thermostatic drying oven. The product is widely used in scientific research, jade processing unit testing laboratory for product Drying, heat treatment and heating, but not for volatile, easily explosive fuel and other items, so as not to cause an explosion.

Feature;

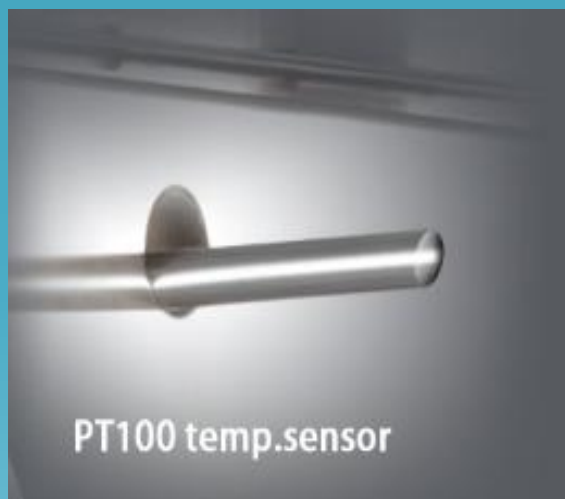
1. Intelligent digital temperature controller
2. paint spray outside, the Interior can be galvanized steel or stainless steel.
3. large observation window, high temperature resistant silicone door seal.
4. Timer function: 0-9999 minutes, over-temperature alarm.
5. Stainless steel heater.

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Specification:

Model	Voltage (V)	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
101-0A(S)	220	RT+5 ~300	±1	±1	16	350×350×350	430×540×450	35
101-1A(S)					1.8	450×450×350	530×640×650	45
101-2A(S)					1.2-2.6	550×550×450	750×890×630	55
101-3A(S)					1.5-3.2	750×600×500	980×895×780	80
101-4A(S)					380	1000×800×800	1300×1210×1000	100
101-5A(S)	380				4.5-9	1000×1000×1000	1300×1420×1200	140

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Lab drying oven 101 series(new version)



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Application: 101 is a thermostatic drying oven. The product is widely used in scientific research, jade processing unit testing laboratory for product Drying, heat treatment and heating, but not for volatile, easily explosive fuel and other items, so as not to cause an explosion.

Feature;

1. Intelligent digital temperature controller
2. paint spray outside, the Interior can be galvanized steel or stainless steel.
3. large observation window, high temperature resistant silicone door seal.
6. Timer function:99h99m, over-temperature alarm.
7. Stainless steel shelves.

Specification:

Model	Volta ge (V)	Temp range (°C)	Accu racy (°C)	Fluct uatio n (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
101-B/S	220	RT+5 ~250	±1	±2	0.5	250×250×250	480×360×470	15
101-00B/S					0.8	350×350×350	600×460×580	25
101-1B/S					1.3	450×450×350	690×560×580	30
101-2B/S					1.6	550×550×450	800×660×680	50
101-3B/S					2	750×600×500	1000×710×730	65
101-4B/S					4	1000×800× 800	1270×910×1060	120

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Lab drying oven KH series



Heater



Motor

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Application: KH is a thermostatic drying oven. The product is widely used in scientific research, jade processing unit testing laboratory for product Drying, heat treatment and heating, but not for volatile, easily explosive fuel and other items, so as not to cause an explosion.

Feature;

1. Intelligent digital temperature controller
2. paint spray outside, the Interior can be galvanized steel or stainless steel.
3. large observation window, high temperature resistant silicone door seal.
8. Timer function: 0-9999 minutes, over-temperature alarm.
9. Stainless steel heater.

Specification:

Model	Volta ge (V)	Temp range (°C)	Accu racy (°C)	Fluct uatio n (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
KH-250A(S)	220	RT+5 ~250	±1	±2	1	250×250×250	430×540×450	25
KH-350A(S)					1.2	350×350×350	530×640×650	35
KH450A(S)					1.6	450×450×350	630×740×550	45
KH550A(S)					2	550×550×450	750×890×630	70
KH750A(S)					3	750×600×500	980×895×780	90
KH-850A(S)					2-4	800×600×550	1100×970×830	120
KH-1000A(S)					2.4-6	1000×600×500	1300×970×780	140

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Industrial drying oven YH series



YH-100B/S



YH-110B/S



YH-120A/S



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Custom-made

Application: YH is a industrial drying oven. The product is widely used for dehydrating, drying, producing industries such as electroplating industry, electronic industry, alloy jewelry drip, food and plastics industry, leather industry, hardware and other applications, but not for the strong volatile, flammable and explosive items in order to avoid explosion.

Feature;

- 1.digital temperature controller
- 2.paint spray outside, the Interior can be galvanized steel or stainless steel.
- 3.large observation window, high temperature resistant silicone door seal.
10. timer function:0-9999 minutes,over-temperature alarm.
11. Stainless steel heater.
12. 2pcs trays as standard

Specification:

Model	Volta ge (V)	Temp range (°C)	Accu racy (°C)	Fluct uatio n (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
YH-100A	380	RT+5 ~250	±0.1	±2	4-6	1000×600× 500	1750×1130× 700	150
YH-100C					4.5-9	1000×800× 600	1750×1330× 800	150
YH-110A					4.5-9	1100×700× 600	1850×1230× 800	175
YH-110B					6-12	1100×700× 600*2	1850×1820× 700	175
YH-120A					8-16	1200×900× 800	2000×1450× 1000	230
YH-130A					12-14	1200×1200× 1200	2000×1750× 1400	350
YH-150A					14-28	1500×1200× 1200	2300×1750× 1400	480

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High temperature 500C drying oven/furnace XCT series



Application: XCT is a constant temperature and high-temperature Drying oven. The product is widely used in scientific research, jade processing unit testing laboratory for product Drying, heat treatment and heating, but not for volatile, easily explosive fuel and other items, so as not to cause an explosion.

Feature;

1. Intelligent digital temperature controller
2. paint spray outside, the Inner use SUS304 stainless steel. Double-layer door insulation material door seal, Effective insulation to prevent heat loss, effective energy-saving. vent hole in the oven top.
3. Timer function: 0-999 minutes

Model	Voltage (V)	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Packing size (mm) (H*W*D)	Net weight (KG)
XCT-0AS	220	RT+10 ~500	±1	±2	5	450×350×350	750×770×580	870×850×660	50
XCT-1 AS	220				6	550×450×450	850×870×680	970×950×760	75
XCT-2 AS	380				9	750×600×600	1050×1020×830	1170×1100×910	100

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600C drying oven/furnace GWX series



Model	Voltage (V)	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
GWX-70S	220	RT+10 ~600	±1	±2	2-4	350×350×350	980×580×650	60
GWX-90S	220				3-6	450*450*450	1080×680×750	75
GWX-150S	380				4-8	550×550×550	1210×780×850	90
GWX-280S	380				6-12	800×600×600	1760×830×900	120

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Vacuum oven DZF series



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Scope:

Vacuum Drying oven widely used in biochemical, chemical and pharmaceutical, health care, agricultural research, environmental protection and other research applications for powder Drying and roasting, as well as disinfection and sterilization of glass containers used. Particularly suitable for Drying heat-sensitive, easily

decomposed, and the complex composition of easily oxidized material items for fast and efficient Drying.

Features:

- 1.The exterior is made of powdered coated steel.SUS304 stainless steel interior.
2. Silicone rubber door seal,solenoid control vacuum valve switch.
3. 2 sides heating keep good temperature uniformity.
4. LCD PID controller with timer.

Model	Volta ge (V)	Temp range (°C)	Timing range	Accu racy (°C)	Degree of vacuum	Powe r (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
DZF-6020S	220	50~200	0~99 9min	± 1	< 133	0.9	275×300×300	460×595×420	40
DZF-6050S						1.4	345×415×370	535×720×510	60
DZF-6090S						1.6	450×450×450	570×790×640	80
DZF-6210S						2	550×650×600	970×940×720	120

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Electric heating incubator 303 -B series



Application:

For medical health, pharmaceutical, chemical and agricultural and other departments as thermostatic incubator.

Features:

- 1、 The exterior is made of powdered coated steel. Interior can be made of galvanized steel or stainless steel, ceramic fiber insulation. It can keep stable temperature in the chamber.
- 2、 Equipped with qualified axle motor fan to ensure the good temperature performance in every corners.
- 3、 Stainless steel heater can be used continuously.
- 4、 Adopts silicone door seals,not easily deformed.

Model	Voltage (V)	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Power (KW)	Internal size (mm) (H*W*D)	External size (mm) (H*W*D)	Net weight (KG)
303-1(A)S	220	RT+5 ~60	±0.1	±1	0.3	420×360×360	610×580×470	25
303-2(A)S						500×400×400	690×620×510	35

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Biochemical incubator MJX series



Scope: For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and production departments. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

Features:

- 1、Cooling system with high quality imported compressor. Delay protection function. Smooth start and low noise when working.
- 2、The inner chamber is made of mirror stainless steel.
- 3、Semicircular corners inner chamber is easy to clean.
- 4、Shelf can be adjusted.
- 5、LCD microcomputer controller.
- 6、Timer, over temperature alarm function
- 7、Fluorescent lamp equipped for watching sample inside easily.
(UV lamp can be chosen)

Model	Temp range (°C)	Accuracy (°C)	Timing range	Fluctuation (%)	Voltage (V)	Ratio Power (W)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)
MJX-50S	5~50	±0.5	0~9999 min	±1	220	280	400×300×400/50L	1000×540×530
MJX-80S						310	550×400×370/80L	1160×540×590
MJX-150S						350	800×500×380/150L	1400×640×630
MJX-250S						450	1000×550×450/250L	1600×690×630
MJX-350S						600	1100×600×550/350L	1800×790×730

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Muffle Furnace up to 1200C



Application:

Muffle furnace is used for laboratory, industrial and mining enterprises, scientific research units for element analysis and measured, hardening, annealing, tempering of heat treatment for heating, furnaces can also be used as a metal, ceramic sintering, dissolution and analysis of high temp heating use.

Features:

- 1.Ceramic fiber interior chamber
- 2.Heating element: HDR resistance wires,
- 3.K type temp.sensor
- 4.Axial fan,equipped with air-cooling system
- 5.Programmable controller

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6. Max temperature: 1200°C

working temp.: $\leq 1100^{\circ}\text{C}$

Temp.resolution: $\pm 1^{\circ}\text{C}$

Temp.refluctuation: $\pm 1^{\circ}\text{C}$

7. Heating rate: ≤ 10 minutes under 1000c.

8. Over-temperature alarm,power off when open the door,earth leakage protection

Accessories: a pair of gloves,plier,crucible,mat.

model	Volume (L)	Msx temp. °C	voltage	Power KW	Internal size (mm) (D×W×H)	External size (mm) (D×W×H)	N.W KG
MF-111	1	1200	220V	1	100×100×100	330×410×490	31
MF-211	2	1200		1.5	200×120×80	430×350×520	31
MF-215	4.5	1200		3	200×150×150	430×380×580	38
MF-321	7.2	1200		3	300×200×120	530×450×530	52
MF-322	12	1200		4	300×200×200	530×450×675	65
MF-325	18	1200	380V	4	300×250×250	550×480×650	65
MF-433	36	1200		6	400×300×300	670×580×820	100

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Muffle furnace SX2 series



Scope:

This series of high-temperature oven (resistance furnace) for laboratory, industrial and mining enterprises, scientific research units for element analysis and measured , small size steel hardening, annealing, tempering of heat treatment for heating, furnaces can also be used as a metal, ceramic sintering, dissolution and analysis of high heating use.

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SX2 series features:

1. New type of high temperature resistant materials studio for furnace, heating element adopts special nickel-chrome filament production.Ah
2. The control component is arranged in the lower part of the furnace, to avoid damage caused by high temperature electrical components.
3. The furnace and the furnace shell with high density insulation materials, special insulation design, more efficient
4. Shell porous cooling design, make the furnace shell and low surface temperature
5. Temperature control system digital display, intelligent PID control technology, high precision of temperature control, has temperature alarm function
6. The overall design is novel and beautiful appearance, strong practicality.
7. New type of high temperature resistant materials studio for furnace, heating element adopts special nickel-chrome filament production
8. The control component is arranged in the lower part of the furnace, to avoid damage caused by high temperature electrical components

model	Max temp.°C	voltag e	Power KW	Internal size (mm) (H×W×D)	External size (mm) (H×W×D)	N.W KG	Unit price (USD)
SX2-2.5-10	1000	220	2.5	80×120×200	540×370×540	45	180
SX2-4-10	1000	V	4	120×200×300	540×450×660	80	230
SX2-5-12	1200		5	120×200×300	540×450×660	80	280
SX2-8-10	1000	380	8	160×250×400	810×530×630	130	400
SX2-8-12	1200	V	10	160×250×400	810×530×630	130	450
SX2-12-10	1000	380	12	200×300×500	730×620×930	200	600
SX2-12-12	1000	V	12	200×300×500	730×620×930	200	650

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Laminar flow hood series

Application:

Laminar flow hood is a purification equipment that provides a local highly clean working environment. It is widely used in teaching, electronics, bioengineering, scientific experiments, etc. It is one of the common instruments in microbiology, tissue culture, and molecular biology experiments.

Working principle:

Air is flowed into the static pressure chamber through the primary filter on the top and the low-noise centrifugal fan, and is uniformly blown out at the top of the operation area through the high efficiency **Hepa filter** to form a vertical air curtain with high cleanliness. The original natural air in the working area is removed, and the cleanliness air is reached in five minutes after the machine is started. The adjustable fan is used to adjust the air volume at different speeds.

Structure feature:

1. The whole equipment adopts cold-rolled plate welding, and the surface is electrostatic sprayed.
2. The air supply mode of the equipment is divided into vertical air supply and horizontal air supply, quasi-closed glass damper, which is easy to operate.
3. Small and exquisite, it can be freely placed on the general workbench for operation, which is convenient for use in small chambers.
4. The fan system is controlled by a remote switch fast and slow dual speed to ensure that the wind speed in the work area is always in an ideal state.

Parameters:

Cleanliness level: Class 100 \geq 0.5 μ m

CFU: \leq 0.5(Φ 90 mm petri dish)

Wind speed: 0.25-0.45m/s

Noise: \leq 62dB(A)

Half peak value: \leq 0.5 μ m(x.y.z directions)

Lamp Lux: \geq 300LX

Power: AC 220V/50Hz

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Benchtop type



Technical Parameters				
Name	laminar flow cabinet(bench top type)			
Model	VD-650	VD-850	HD-650	HD-850
Clean grade	Grade 100(209EU.S. Federal)			
Number of bacteria	<0.5per utensil.hour(90mm utensil)			
Noise	<62dB			
Power supply	AC,220V/50Hz			
Fan speed	0.25-0.45m/s			
Dimension of working area =(WxD1xH1) (mm)	485*475*455	685*475*455	485*385*455	685*385*455
Overall dimension (WxDlxH1) (mm)	640*530*845	840*530*845	640*530*845	840*530*845
Fluorescent light/UV light	8W*1/10W*1			
Specification and number of high efficient filter	480*460*38	680*460*38*1	480*460*38*1	680*480*38*1

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Support standing series



Model (Vertical airflow hood)	Power (W)	Fluorescent lamp/ UV lamp	Inner dimension (mm) (L*W*H)	Overall dimension (mm) (L*W*H)	Type
SW-CJ-1D	400	20W*1/ 20W*1	700×500×520	840×520×1600	Single person size
SW-CJ-2D	500	30W*1/ 30W*1	1150×500×520	1290×520×1600	Double person size
SW-CJ-1FD	490	20W*1/ 20W*1	870×600×520	1010×620×1600	Single person size
SW-CJ-2FD	640	30W*1/ 30W*1	1360×600×520	1520×620×1600	Double person size

Model (Horizontal airflow hood)	Power (W)	Fluorescent lamp/ UV lamp	Inner size (mm) (L*W*H)	Overall size (mm) (L*W*H)	Type
SW-CJ-1G	400	12W*1/ 20W*1	700×410×580	860×590×1600	Single person size
SW-CJ-2G	500	12W*1/ 20W*1	1150×410×580	1310×590×1600	Double person size
SW-CJ-1B	490	12W*1/ 20W*1	880×510×580	1040×690×1600	Single person size
SW-CJ-1C	640	20W*1/ 36W*1	1370×510×580	1530×690×1600	Double person size

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PCR Hood



Air supply	Vertical airflow	
Model	PCR-600	PCR-800
Cleanliness grade	Class 100	
Number of colonies	≤ 0.5 pcs/dish-hour($\varnothing 90$ mm culture dish)	
Average wind speed	0.25-0.45m/s	
Noise	≤ 62 dB	
Power supply	AC single phase 110v/220v	
Vibration	$\leq 0.5\mu\text{M}$	
Illumination	$\geq 300\text{LX}$	
Max power	800W	900W
Dimension of working area(W*D*H)mm	580*500*450	780*500*450
Overall dimension	600*550*840	800*550*840
Filter	510*405*50	715*405*50
Fluorescent lamp/ UV lamp	5W/10W	5W/10W
Applicable persons	Single person	Double person

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Plant Growth Chamber



Function:

- ★It can simulate the temperature changes of nature during the day and night and the multi-directional nature light.
- ★The parameters set by the user can be automatically stored in case of power cut, it will run the original setting program after power restored.
- ★Automatically control for circulating wind speed to avoid plant blowing by strong wind test.
- ★ temperature, humidity, illuminance, time and heating rate are controlled by multi-segment program, which simplifies the complicated test process and realizes automatic control and operation

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Characteristics:

- ★Independent temperature limit alarm system, giving sound and visual alarm to prompt operator, ensuring safe operation of equipment.
- ★Alarm for high or low temperature.
- ★Equipped with leakage protection.
- ★Equipped with spare temperature control which ensures the product work normally even the main temperature control failed(for heating)
- ★Optional RS485 or USB interface and software
- ★With data logging, data communication, and failure analysis function.
- ★Optional printer for data recording and print, compliance with GMP standards.

Specification:

Model	MAP-100	MAP-250	MAP-400	MAP-800
Chamber Volume (L)	100	250	400	800
Temp.range	With illumination: 10-55℃, without illumination: 0-60℃			
Temp. deviation	±1℃			
Display resolution	0.1℃			
Temp.uniformity	±1℃			±2℃
Humidity range	30-95%RH			
Humidity deviation	±3RH			
Illumination intensity	0-15000LX	0-20000LX	0-25000LX	0-30000LX
Power rating	1000W	2000W	3000W	3000W
Power supply	AC230V,50Hz			
Working way	Continuous running			
Chamber size (W*D*H)mm	450*380*500mm	550*450*1000mm	560*610*1150	950*700*1200
Exterior size (W*D*H)mm	600*620*1100mm	780*750*1700mm	780*900*1850	1000*900*1900