



DHG series Electric heating drying oven

——Multi-sides air

DHG SERIES



This equipment is designed for users who need precise temperature uniformity in their experiments. It serves as a foundational tool for laboratory research and is particularly recommended for intermediate to advanced laboratory settings.

Application:

This equipment is commonly used for drying, sterilization, temperature-controlled storage, and heat treatment. However, it is not suitable for use with volatile, flammable, or explosive materials to prevent any risk of explosion.

Features:

- **Precision Control:** Equipped with a microcomputer-based PID control system featuring an LCD display for precise temperature control, timing, and over-temperature alarms. Models labeled with "C" use a standard LED display and lack a microcomputer interface.
- **Efficient Circulation:** The inner chamber includes a high-quality circulation fan with adjustable speed and air volume (not available in "C" models). The maintenance-free motor, along with a three-sided air duct design, ensures consistent temperature throughout the oven.
- **Durable Construction:** Made from stainless steel, the unit is resistant to acids and corrosion. It features a double tempered glass observation window with interior lighting for easy visibility of samples.
- **Adjustable Shelving:** The spacing and number of shelves can be customized to accommodate different items.
- **Safety Certification:** This product series has received CE safety certification from the European Union and comes with a two-year warranty.

Model	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Voltage (V)	Power (KW)	Interior size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Packing size (mm) (H*W*D)	Net weight (KG)	Shipping weight (KG)
DHG-9040 (C)	RT+5 ~300	±0.1	±1	220	1.2	320*350*350	530*640*550	650*720*630	36	39
DHG-9070 (C)					1.4	420*450*350	630*740*550	750*820*630	47	50
DHG-9130 (C)					1.8	520*550*450	750*890*630	870*970*710	62	66
DHG-9230 (C)					2.7	750*600*500	980*965*770	1100*1045*850	96	105
DHG-9430 (C)	RT+5 ~300	±0.1	±1	220	3.6	1200*650*550	1500*810*820	1600*890*900	125	140
DHG-9710 (C)	RT+5 ~300	±0.1	±1.5	380	4.8	1550*700*650	1800*860*920	1900*940*1000	158	173

1. **Delivery Time:** The DHG-9710 will be delivered within 10-15 days after placing your order. For more details, please contact customer service.
2. **Temperature Controllers:** Models without a "C" are equipped with a standard LCD temperature controller, while those with a "C" feature a standard LED digital display temperature controller.
3. **Heating Performance:** The unit can reach a temperature of 150°C within 30 minutes.
4. **Shelf Capacity:** Each shelf can support a maximum load of 20 kg.

Warning: Before purchasing the DHG-9430 or DHG-9710, please measure the size of your entrance door and elevator to ensure that the oven can fit through.

Optional Product Accessories

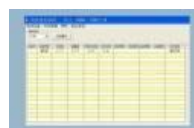
1. Portable printer
2. Programmable multi-stage controller
3. ALLSENS™ software
4. Individual temperature limit controller
5. Touch screen LCD display controller
6. Data storage device with USB port
7. “Open door, power off” function
8. Stainless steel punched laminate
9. Test hole
10. Air inlet filter



Printer



Touch screen



Software



Storage device



Air filter



Test hole



Intelligent LCD display



Cooling motor



Reinforced hinge



Blower device



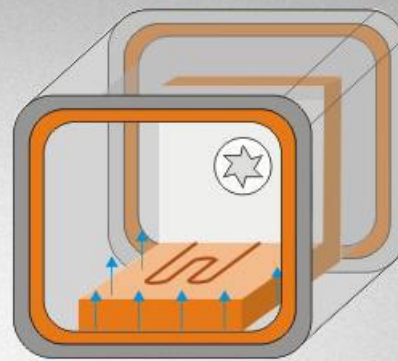
moveable shelves



Double-layer tempered glass



Stainless steel liner



Hot air circulation system



Qualified silicone sealing ring



vent hole and cooling motor



Microcomputer interface and plug solid frame



Buckle handle







Qualified cold rolled steel sheet



Models with a "C" feature an LED digital display controller, while those without have an LCD screen controller that includes adjustable wind speed settings.

Comparison for drying ovens.

Drying ovens	GX (advanced)	DHG/DHG-C update	KH/A/S basic	101/A/S classic	202/A(no motor fan)
					
controller					
PID LCD	●("TC" touch screen)	LCD●			
PID digital		"C"●	●	"A"●	"A"●
Pointer				●	●
Brand accessories					
ST bi type silicon	●				
Philip chip	●				
Taiwan optical coupler	●				
Inner material					
SUS304 SS	●				
Mirrored SS		●			
201 SS			"S"●	"S"●	
Galvanized steel			●	●	●
Motor fan					
High temperature resistant bearing	●	●			

Heat dissipation fan	●	●	●	●	
Electric heat tube					
stainless steel	●	●			
Carbon steel			●	●	●
Computer interface	●	●LCD			
Networking monitoring	●	●LCD			
Adjustable fan speed	●	●LCD			
ALLHEAT cavity preheat	●				
ALLFLOW airflow	●				
ALLSENS temp.control	●				
Pro.insulation	●				
Heating sides	3 sides	9230 above double sides	Single	Single	Single
Air duct	3D air duct	3 sides+ front	3 sides	Single side	
Door seal material	Silicone	Silicone	Silicone	asbestos cord	asbestos cord
Insulation material	Aluminium silicate	Aluminium silicate	Rock wool	Rock wool	Rock wool
Temp.range °C	RT+5-300	RT+5-300	RT+5-300	RT+5-300	RT+5-300
Temp accuracy °C	±0.1	0.1/ 'C' 0.5	±0.5	±1	±1
fluctuation	±0.5%	±1%	±1%	±1%-2%	±2%
timer	●	●	●	“A”●	“A”●
Over temperature alarm	●	●	●	“A”●	“A”●
warranty	3 years	2 years	2 years	2 years	2 years

KENTON APPARATUS LTD.

Manufacture of drying oven, lab incubator, climate chamber, laminar flow cabinet, biological safety cabinet(OEM,ODM)

Kenton is a laboratory instrument manufacturer. In 1999, Kenton produced the first batch of 101 series drying oven and launched them on the market. Later, it successively launched incubator, biochemical incubator and other series. In 2005, we obtained ISO: 9001 quality certification, and in 2008-2012, we successively obtained CE certification. In 2013, a new generation of product series was introduced, and its functions and uses were comprehensively upgraded. The liner material was upgraded to SUS 304 stainless steel. In 2011, we expanded the global market, and now our products are sold to Europe, America, Southeast Asia major markets. Kenton manufactures laboratory equipment under our own brand. Our product line includes biological safety cabinets, artificial climate chambers, drying ovens, incubators, high temperature chambers, humidifiers, water baths, industrial air ovens, laminar flow cabinet, biochemical incubators, vacuum ovens, constant temperature and humidity chambers, and light incubators, among other series. The 30,000 sets produced annually are expected to expand at a pace of 20% annually. It has emerged as South China's biggest and most significant equipment manufacturer. The business has launched Kenton Technology Ltd. to concentrate on the development of supporting equipment in the disciplines of biological research and life sciences, in response to changes in worldwide market demand. We increased the new product series, which includes: blood oscillator, anaerobic oven, (Ultra)low temperature refrigerator, non-pipeline clean gas fume hood, sterile isolation cabinet, drug testing safety cabinet, etc., via independent research and development and technical advancement. Numerous scientific research departments, medical preservation, genetic vaccination, and other businesses make extensive use of our goods. In the meanwhile, we have expanded our recognition and support and have sold to Europe, America, Southeast Asia, Australia, the Middle East, and other international markets thanks to consistent investment, research and development, and advancements in workers, equipment, and technology. To supply top-notch goods and services to reputable laboratories and scientific research centers, as well as to mining and industrial companies both domestically and internationally.

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