



303-Series

Electric Heating Incubator

—— Multi-faceted preheating makes the temperature more uniform

Suitable for Use in Medical Health, Pharmaceutical, Chemical, Agricultural industries.



Features:

- **Integrated Viewing Window:** Allows easy observation of items inside the chamber without opening the door.
- **Stainless Steel Inner Chamber:** Ensures durability and easy cleaning. Equipped with a circulation fan to minimize temperature variations and maintain consistency.
- **Magnetic Door Seals:** Provide a tight seal to maintain the internal environment and improve energy efficiency.
- **Adjustable Shelving:** Shelves and their positions can be easily adjusted to accommodate samples of various sizes and specifications.

303-AS(Upgraded Model)

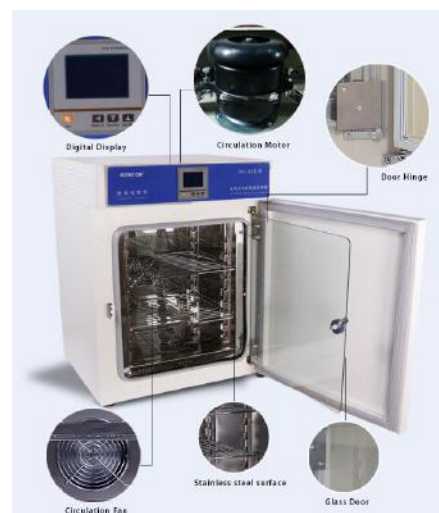


The 303-AS (upgrade) features advanced microcomputer-controlled PID technology for precise temperature management. This system includes:

- **Temperature Control and Timing:** Allows for accurate and consistent temperature regulation and scheduling.
- **Over-Temperature Alarm:** Alerts you if the temperature exceeds safe limits.
- **Double Door Structure:** Equipped with an inner observation glass for easy monitoring.
- **Inner Arc Design:** Enhances the durability and ease of maintenance.
- **High Durability and Maintenance-Free:** Built to last with minimal upkeep.

The air duct design ensures uniform temperature throughout the chamber. The interior is lined with mirror-finished stainless steel, which is resistant to acid, alkali, and corrosion.

The heating is provided by a carbon fiber electric heating film, coupled with advanced preheating technology. This setup ensures more even temperature distribution within the chamber and effectively minimizes temperature fluctuations.



303-C



The portable 303-C incubator is designed to be compact and lightweight, making it the lightest option available in its volume category. It features a convenient handle on top for easy carrying, perfect for on-the-go use.

The incubator utilizes a carbon fiber electric heating film and advanced preheating technology. This combination ensures that the temperature inside the chamber is more uniform and reduces fluctuations effectively.

Model	Internal Dimensions (H*W*D)mm	External Dimensions (H*W*D)mm	Packing Dimensions(H*W*D)mm	Voltage(V) (Customized)	Wattage (W)	Temp. Range ℃	Temp. Precision ℃	Floating Range ℃
303-00C	250*250*250	420*300*320	460*330*350	110	3000	RT+5~65	±0.5	±0.5
303-0C	420*350*350	610*400*420	650*440*460	110	3000	RT+5~65	±0.5	±0.5
303-1C	500*400*400	680*450*470	720*490*510	110	3000	RT+5~65	±0.5	±0.5

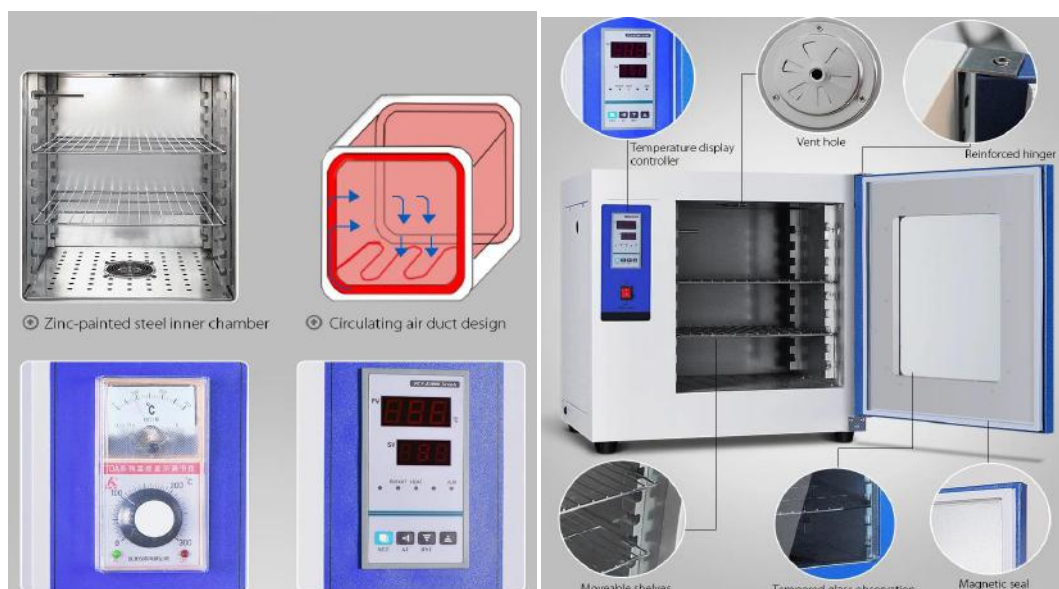
303-A(Base Model)

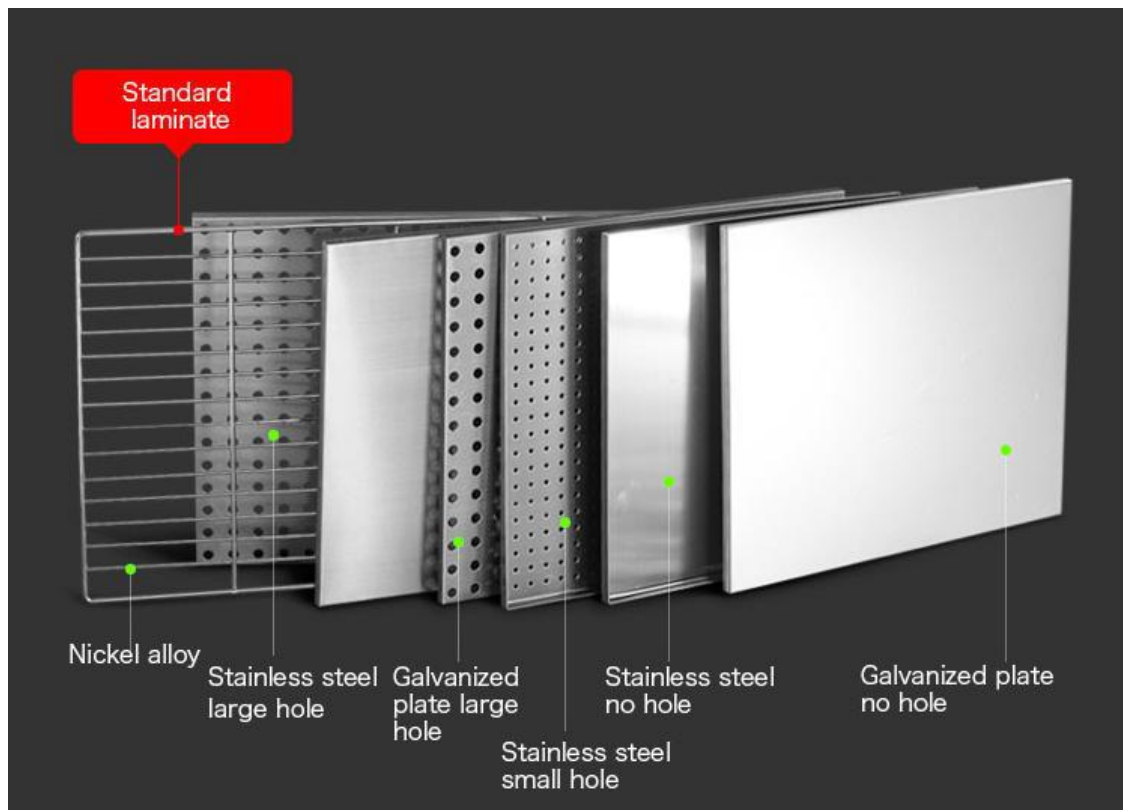


The base model 303-A features a choice between a digital display or a pointer-type temperature controller. It includes an integrated observation window for easy monitoring of the internal environment.






The interior of the incubator is made from galvanized steel, and it uses heating wire as the heating element. The magnetic door seal ensures a tight seal to maintain consistent internal conditions.

The incubator is designed with adjustable shelf spacing and shelf quantity, allowing you to customize the setup to accommodate samples of various sizes.





Electric Heating incubator 303A Series										
Model	Supply voltage	Temp. Rang(°C)	Temp. Accuracy	Temp. Fluctuation(%)	Power(KW)	Inner Size (mm) (H×W×D)	External Size(mm) (H×W×D)	Packing Size(mm) (H×W×D)	Net. Weight(KG)	Shipping Weight(KG)
303-0A	220	RT+5 ~ 65	±1	±1	0.3	420*360*360	610*580*470	730*660*550	23.5	26.5
303-1A						500*400*400	690*620*510	810*700*590	29.5	33.5
303-2A						600*500*500	790*720*610	910*800*690	41.5	44.5

Comparison of incubators	PX (advanced)	DNP/DNP-C	303-AS	303/A	303-C
					
controller					
PID LCD	● (TC-touch screen)	●			
PID Digital		“C”●	●	“A”●	●
analog				●	
Brand accessories					
ST bi type thyristor	●				
Philip chip	●				
Taiwan opitcal coupler	●				
Internal material					
SUS304 SS	●				
Mirrored SS		●			
201 SS			●		
Galvanized steel				●	●
Motor fan					
High temperature resistant bearing	●	●			
Heat dissipation fan	●	●	●	●	
Electric element					
stainless steel tube	●				
Carbon steel		●	●		●
Heating coil				●	
Remote control	●	●LCD			
RS232/485	●	●LCD			
Adjustable fan	●	●LCD			

speed					
ALLHEAT cavity preheat	●	●	●		
ALLFLOW airflow	●				
ALLSENS temp.control	●				
Pro.insulation	●				
Heating sides	3 sides	3 sides	3 sides	Single side	3 sides
Air duct	3D	3 sides+ front	3 sides	Single side	
Door seal material	Silicone+ magnetic	Silicone+ magnetic	Silicone+ magnetic	magnetic	
temp accuracy°C	±0.1	±0.1/°C”±0.5	±0.5	±1	±0.5
fluctuation	±0.5%	±0.5%	±0.5%	±1%	±0.5%
timer	●	●	●	“A”●	
Over- Temperature alarm	●	●	●	“A”●	
warranty	3 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 101series 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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