

DR-H206 Box-Type Resistance Furnace



Based on our years of design and manufacturing expertise, the box-type resistance furnace is specifically engineered for laboratories in industrial and mining enterprises, universities, and scientific research institutions. It provides reliable high-temperature processing capabilities for chemical element analysis and heat treatment of small steel components, including quenching, annealing, and tempering. Additionally, it effectively supports sintering, melting, and analytical heating applications for various materials such as metals, ceramics, and other solid specimens.

The furnace features precise temperature control and uniform heating distribution, ensuring consistent and accurate results across all applications. Its robust construction and user-friendly design make it an ideal choice for diverse laboratory environments, delivering both performance and durability for your most demanding thermal processing requirements.

FEATURES

- ❖ Furnace door design enables safe, easy opening and prevents leakage of high-temperature hot air inside.
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- ❖ Corrosion-resistant and lightweight furnace chamber ensures long-term durability.
- ❖ Excellent door sealing minimizes heat loss and enhances the temperature uniformity inside the furnace chamber.
- ❖ The furnace door liner, cabinet panel and cabinet shell are all made of cold-rolled steel sheet.

Safety Functions

- ❖ During operation, simply open the furnace door — the door safety switch will automatically cut off the heating power supply to ensure operator safety.
- ❖ Equipped with multiple safety protection measures such as overcurrent, overvoltage, and overheating protection to ensure safe use of the electric furnace.
- ❖ Ceramic fiber boards are used as thermal insulation materials, featuring good heat insulation effect and low surface temperature of the cabinet.



Furnace Chamber Selection(Customizable for User Needs)

Refractory Brick Chamber (Series N): Adopts traditional refractory materials, featuring wide application range, long service life and high cost-effectiveness.



SPECIFICATIONS

Box-Type Resistance Furnace							
Number	Max Temp.	Volume	Chamber Size (W*D*H)mm	Overall Size (W*D*H)mm	Power	Input Power (W)	Heating Element
DR-H260-2.5-10	1000 °C	2L	120×200×80	400×580×610	220V/50HZ	2.5KW	Electric Furnace Heating Wire
DR-H260-4-10	1000℃	7L	200×300×120	520×650×660	220V/50HZ	4KW	Electric Furnace Heating Wire
DR-H260-8-10	1000℃	16L	50×400×160	570×810×740	380V/50HZ	8KW	Electric Furnace Heating Wire
DR-H260-12-10	1000℃	30L	300×500×200	700×930×845	380V/50HZ	12KW	Electric Furnace Heating Wire
DR-H260-2.5-12	1200℃	2L	120×200×80	400×580×610	220V/50HZ	2.5KW	Nichrome Wire
DR-H260-5-12	1200℃	7L	200×300×120	520×650×660	380V/50HZ	5KW	Nichrome Wire
DR-H260-10-12	1200℃	16L	250×400×160	570×810×740	380V/50HZ	10KW	Nichrome Wire
DR-H260-4-13	1300℃	4L	150×250×100	570×670×710	220V/50HZ	4KW	Silicon Carbide Rod
Others	1. Temperature Control Precision: ±1℃ 2. Temperature Uniformity: 5℃ (Vertical Direction)						
Optional Parts	Test Hole (Lead time for additional optional parts: 7 days)						
Note	Overall Dimensions (Including Fan Cover, Excluding Handle) / Length × Width × Height.						
For more requirements regarding product dimensions and parameters, customization can be made according to specific requests.							

