

Introduction



HT-400 ceramic heating plate is a constant temperature heating device specially used for heating, digestion and acid removal of various samples in inorganic chemical element analysis. The tabletop has characteristics of being acid and alkali resistant and not rusting. It has a split PID program digital display temperature control, and is a good assistant for laboratory sample pretreatment.

- Heating
- Digestion
- Acid removal

Acid and alkali resistant | Split-type program temperature control | Even heating

Product Information

	 HT-400	 HT-300	 HT-200
Glass-ceramic tabletop	√	√	√
Temperature control range	Room temperature -400 °C	Room temperature -400 °C	Room temperature -400 °C
Heating surface size	600*400mm	500*400mm	400*300mm
Capacity for 50mL Flasks	60	48	24
Split-type PID program control	√	√	√
Temperature measurement accuracy	±0.2 °C	±0.2 °C	±0.2 °C
Temperature stability	±2 °C	±1 °C	±1 °C
Time setting range	1min-99hr	1min-99hr	1min-99hr
Power	4000W	3300W	2500W
High temperature indicator	√	√	√
Easy to clean	√	√	√
No mechanical buttons on hot plate	√	√	√
Fully enclosed structure	√	√	√
Resistant to acid corrosion	√	√	√
Resistant to alkali corrosion	√	√	√
Resistant to oxidation corrosion	√	√	√
Explosion-proof clamp	4	4	3
Dimensions of hot plate(mm)	600(L)*400(W)*88(H)	500(L)*400(W)*88(H)	400(L)*300(W)*88(H)
Weight of hot plate	19kg	14kg	10kg
Dimensions of controller(mm)	265(L)*195(W)*85(H)	265(L)*195(W)*85(H)	265(L)*195(W)*85(H)
Weight of controller	1.8kg	1.8kg	1.8kg
Shipping dimensions(mm)	720(L)*520(W)*268(H)	610(L)*510(W)*260(H)	610(L)*510(W)*260(H)
Shipping weight	23.7kg	21kg	14.4kg

Product Information



Standard accessories

Wire controller	1	1	1
Teflon protective film	1	1	1
User manual	1	1	1
Warranty card	1	1	1

Instruments

	Part No.	Product Name	Description
	GDN-HT-400	HT-400 Experimental Electric Hot plate	600mm(L)*400mm(W)*88mm(H) (Can placed 60 pieces of 50mL Flasks)
	GDN-HT-300	HT-300 Experimental Electric Hot plate	500mm(L)*400mm(W)*88mm(H) (Can placed 48 pieces of 50mL Flasks)
	GDN-HT-200	HT-200 Experimental Electric Hot plate	400mm(L)*300mm(W)*88mm(H) (Can placed 24 pieces of 50mL Flasks)

Accessories

	Part No.	Product Name	Description
	GDN-HHT-KZQ	Wire controller	\
	GDN-HHT-SFM	Teflon protective film	\

Customer Questionnaire

If you are interested in our instruments, please fill in the following information and send it to our local agent or email the form directly to sales@rogetscientific.com. We will reply to you within two working days.

Please tick the box in the brackets ☐ ☐

Application (sample type)

Eg: ☒ Agricultural and Food: [Analysis of Cadmium in Rice](#)

- ☐ Environmental Monitoring: _____
- ☐ Agricultural and Food: _____
- ☐ Product Quality Research: _____
- ☐ Scientific Research: _____
- ☐ Disease Prevention and Control: _____
- ☐ New Energy: _____
- ☐ Others _____

The type of acid or oxidant used

- ☐ HCl
- ☐ HClO₄
- ☐ HNO₃
- ☐ H₂SO₄
- ☐ HF
- ☐ H₂O₂
- ☐ Others _____

Daily detection sample quantity

- ☐ 0-30 samples
- ☐ 30-100 samples
- ☐ >100 samples

Table of Configuration

Please arrange the required system

Instruments

Quantity	Part No.	Product Name	Description

Consumables and Accessories

Quantity	Part No.	Product Name	Description

Send Offer to

Company	
Contact person	
Address	
Tel.	
E-mail	
Web	

*As the product is updated and iterated, the data sheet may change. Please refer to the latest version of the data sheet. The final interpretation rights of the data sheet belong to Roget Scientific.