

INS 360D

LCD Digital Magnetic Hotplate Stirrer

Features

- Maximum heating temperature is 380°C
- High resolution LCD displays actual temperature and speed
- Brushless DC motor is maintenance free
- Aluminum ceramic coating work plate, allowing immediate heat transfer
- External temperature control is possible with temperature sensor PT1000
- Digital speed control with maximum speed up to 1500rpm
- Maximum stirring quantity of H₂O at 5L



INS 360A

Analog Magnetic Hotplate Stirrer

Insmark INS 360A is a perfect hotplate stirrer for handling small volume task and daily applications, with maximum temperature of 380°C

Features

- Digital temperature control with maximum temperature up to 380°C
- Digital control with maximum speed up to 2500rpm
- Stainless steel with ceramic coating work plate provides high chemical resistant performance
- External temperature control is possible by connecting temperature sensor(PT1000) with an accuracy at $\pm 0.2^{\circ}\text{C}$
- "HOT" warning flashes if work plate temperature is above 50°C



Specifications	INS 360A	INS 360D	INS 550-PRO
Work plate Dimension [W x D]	150x150mm	184x150mm	184x184mm (7 inch)
Work plate material	Glass ceramic	Glass ceramic	Glass ceramic
Motor type	Brushless DC motor	Brushless DC motor	Shaded pole motor
Stirring positions	1	1	1
Max. stirring quantity, [H ₂ O]	5L	5L	10L
Max. magnetic bar[length]	50mm	50mm	80mm
Speed range	100-2500rpm, resolution±1rpm	100-1500rpm, resolution±1rpm	0-1500rpm
Speed display	ANALOG	LCD	Scale
Temperature display	ANALOG	LCD	LED
Heating temperature range	Room Temp.-380℃, increment 1℃	Room Temp.-380℃, increment 1℃	Room Temp.-550℃, increment 5℃
Temperature control accuracy	±1℃(<100℃)±1%(>100℃)	±1℃(<100℃) ±1%(>100℃)	±10℃
Temperature display accuracy	±0.1℃	±0.1℃	±1℃
"Hot" warning	50℃	50℃	50℃
Data connector	-	RS232	-
Protection class	IP21	IP21	IP21
Motor rating input	2.4W	2.4W	15W
Motor rating output	1.8W	1.8W	1.5W
Weight	2.2kg	2.2kg	4.5kg
Timer function	1min-99h59min	-	-
Permissible ambient temperature and humidity	5-40℃,80%RH	5-40℃,80%RH	5-40℃,80%RH



Overheating protection



External sensor



Chemical resistance



Wide range of accessories