

# Guardian 7000

## Dependable Hotplate Stirrers with Superior Safety Features and Intelligent Performance

- Protect your lab with patented SmartPresence™ technology! This exclusive state-of-the-art technology can recognize a user nearby and if no one is detected the heating function will safely shut off.
- Safely control maximum temperature! The SmartHeat™ feature allows you to set the maximum temperature of the hotplate stirrer preventing overheating of sensitive samples keeping the user & sample safe.
- Safeguard operators! The SmartHousing™ remains cool to the touch at all temperature settings. The large hot top light can be seen across the lab and illuminates when the heater is above 40°C.



<b>Application</b>	Temperature Sensitive Chemistry & Biology, Heat Fixation, Solution pH Optimization, Solution Sterilization, Endothermic Reactions, Denaturing of Organic Material, Sample & Solution Preparation
<b>Display</b>	Backlit LCD Display for temperature, speed and time, green indicator lights when unit is heating and stirring, two prominent hot top indicator lights
<b>Operation</b>	Timer, Stirring from 60 to 1600 rpm, Temperature range of ambient +5°C to 500°C (ceramic top) or 380°C (aluminium top), power cord (included), 20.3 cm stainless steel RTD temperature probe, 3.8 cm PTFE coated stir bar, in-use cover
<b>Construction</b>	Probe connection, SmartHousing™ stays cool to the touch and is chemical resistant, IP21 Ingress Protection, hardened glass front panel, control knobs, On/Off switch for heater disconnect, built-in support rod holder, easy to clean ceramic or aluminium tops
<b>Communication</b>	USB port provides flexibility for programming of repeat applications and enhancing safety with SmartLink™ technology; the long range user detection function operated with the Ohaus Bluetooth dongle accessory (sold separately)
<b>Design Features</b>	Hot top indicator lights, audible alarm, SmartHeat™ temperature limiting function, SafetyHeat™ shuts off heater in the event of malfunction, temperature calibration feature for 5 probe & 5 plate setpoints, temperature priority function, SmartRate™ functions

Model	Description	Item N°
e-G71HS07C	Hotplate-Stirrer e-G71HS07C 230V EU	30500603
<b>Specifications</b>		
Temperature Range	Ambient + 5°C – 500°C	
Speed Range	60 to 1600 rpm	
Timer	1 minute – 99 hours, 59 minutes	
Capacity	15 L	
Top Plate Material	Ceramic	
Top Plate Dimensions	17,8 x 17,8 cm	
Temperature Probe	Pt1000	
Temperature Calibration	Temperature Calibration 5 Plate/5 Probe	

Model	Description	Item N°
e-G71HS10C	Hotplate-Stirrer e-G71HS10C 230V EU	30500613
<b>Specifications</b>		
Temperature Range	Ambient + 5°C – 500°C	
Speed Range	60 to 1600 rpm	
Timer	1 minute – 99 hours, 59 minutes	
Capacity	18 L	
Top Plate Material	Ceramic	
Top Plate Dimensions	25,4 x 25,4 cm	
Temperature Probe	Pt1000	
Temperature Calibration	Temperature Calibration 5 Plate/5 Probe	

Model	Description	Item N°
e-G71HSRDM	Hotplate-Stirrer e-G71HSRDM 230V EU	30500623
<b>Specifications</b>		
Temperature Range	Ambient + 5°C – 380°C	
Speed Range	60 to 1600 rpm	
Timer	1 minute – 99 hours, 59 minutes	
Capacity	20 L	
Top Plate Material	Aluminium	
Top Plate Dimensions	round 13,5 cm	
Temperature Probe	Pt1000	
Temperature Calibration	Temperature Calibration 5 Plate/5 Probe	

Product will be available in Q1 2020.