

Ohaus e-G71HS10C Guardian 7000 Hotplate Stirrer 10in x 10in plate (60 rpm – 1,600 rpm / Ambient + 5°C – 500°C)

HAUS Guardian 7000 Hotplate Stirrers are designed with outstanding safety features and superior heating and mixing performance. The SmartHousing[™] is chemical resistant with an innovative, easy-to-clean design that channels spills away from internal components and the angled glass control panel. The bright LCD display includes intuitive icons, temperature, speed and time settings - all designed to monitor performance from across the lab.





Manufature: Ohaus SKU: 30500610 UPC: 840308905818 Weight: 12.00 lb Free Ground Shipping within the 48 continental US States

Please Call (800)832-0055

Features

OHAUS Guardian 7000 Hotplate Stirrers are designed with outstanding safety features and superior heating and mixing performance. The SmartHousing™ is chemical resistant with an innovative, easy-to-clean design that channels spills away from internal components and the angled glass control panel. The bright LCD display includes intuitive icons, temperature, speed and time settings - all designed to monitor performance from across the lab.

Reliable Hotplate Stirrers with Exceptional Safety Features for Everyday Use

- SProtect 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.

Temp. Stability +/-1% Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C Control Digital Calibration Temperature calibration 286.0 mm (11.25 in) Temperature probe Pt1000 Display Custom Backlit LCD Timer 1 minute – 99 hours, 59 minutes Dimensions (Length) 415.0 mm (16.3 in) Working Environment 41°F – 104°F, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing Dimensions (Height) 122.0 mm (4.8 in) Net Weight 5.2 kg (11.5 lb) Safety Certification In-use cover Included		
Plate Construction Plate Size (Length) Plate Size (Width) Plate Size (Width) Plate Size (Width) Plate Size (Width) Temperature Range Ambient + 5°C - 500°C Speed Range 60 rpm - 1,600 rpm Speed Stability Flate +/-2% Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC) Temp. Stability Plate +/-1% Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C Control Digital Calibration Temperature calibration Dimensions (Width) Pt1000 Display Custom Backlit LCD Timer 1 minute - 99 hours, 59 minutes Dimensions (Length) Working Environment 41°F - 104°F, 80%RH, non-condensing 5°C - 40°C, 80%RH, non-condensing Dimensions (Height) Safety Certification TUV In-use cover Included	Function	Heating and Stirring
Plate Size (Length) 254.0 mm (10.0 in) Plate Size (Width) 254.0 mm (10.0 in) Temperature Range Ambient + 5°C - 500°C Speed Range 60 rpm - 1,600 rpm Speed Stability +/-2% Temp. Accuracy Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC) Temp. Stability +/-1% Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C Control Digital Calibration Temperature calibration Dimensions (Width) 286.0 mm (11.25 in) Temperature probe Pt1000 Display Custom Backlit LCD Timer 1 minute - 99 hours, 59 minutes Dimensions (Length) 415.0 mm (16.3 in) Working Environment 5°C - 40°C, 80%RH, non-condensing 5°C - 40°C, 80%RH, non-condensing Dimensions (Height) 122.0 mm (4.8 in) Net Weight 5.2 kg (11.5 lb) Safety Certification TUV In-use cover Included	Capacity (text)	18 L
Plate Size (Width) Temperature Range Speed Range Speed Stability Temp. Accuracy Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC) Temp. Stability Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C Digital Calibration Temperature calibration Dimensions (Width) Temperature probe Display Custom Backlit LCD Timer 1 minute – 99 hours, 59 minutes Dimensions (Length) Working Environment 5°C – 40°C, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing Dimensions (Height) Safety Certification TUV In-use cover Ambient + 5°C – 500°C Concord Conc	Plate Construction	Ceramic
Temperature Range Ambient + 5°C - 500°C Speed Range 60 rpm - 1,600 rpm Speed Stability +/-2% Temp. Accuracy Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC) Temp. Stability +/-1% Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C Digital Calibration Temperature calibration Dimensions (Width) 286.0 mm (11.25 in) Temperature probe Pt1000 Display Custom Backlit LCD Timer 1 minute - 99 hours, 59 minutes Dimensions (Length) 415.0 mm (16.3 in) Working Environment 41°F - 104°F, 80%RH, non-condensing 5°C - 40°C, 80%RH, non-condensing Dimensions (Height) 122.0 mm (4.8 in) Net Weight 5.2 kg (11.5 lb) Safety Certification TUV In-use cover Included	Plate Size (Length)	254.0 mm (10.0 in)
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+/-0.5% Probe, below 100°C +/-1°C	Temp. Accuracy	Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC)
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Temperature probe Display Custom Backlit LCD Timer 1 minute – 99 hours, 59 minutes Dimensions (Length) Vorking Environment Dimensions (Height) 122.0 mm (4.8 in) Net Weight Safety Certification In-use cover Pt1000 Custom Backlit LCD 1 minute – 99 hours, 59 minutes 4 1°F – 104°F, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing TUV In-use cover Included	Calibration	Temperature calibration
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Dimensions (Height) 122.0 mm (4.8 in) Net Weight 5.2 kg (11.5 lb) Safety Certification TUV In-use cover Included	Dimensions (Length)	415.0 mm (16.3 in)
Net Weight 5.2 kg (11.5 lb) Safety Certification TUV In-use cover Included	Working Environment	, ,
Safety Certification TUV In-use cover Included	Dimensions (Height)	122.0 mm (4.8 in)
In-use cover Included	Net Weight	5.2 kg (11.5 lb)
	Safety Certification	TUV
	In-use cover	Included
Power 120V, 11.2A, 50/60Hz	Power	120V, 11.2A, 50/60Hz
Power Consumption 1,210 W	Power Consumption	1,210 W

Specifications

	e-G71HS07C	e-G71HS10C	e-G71HSRDM	
Function	Heating and Stirring			
Top Plate Size	7 x 7 in 17.8 x 17.8 cm	10 x 10 in 25.4 x 25.4 cm	5.3 in diameter 13.5 cm	
Speed Range	60 rpm to 1600 rpm			
Speed Stability	+/- 2 %			
Temperature Range	Ambient + 5 °C – 500 °C		Ambient + 5 °C – 380 °C	
Temperature Stability*	+/- 1 % Plate, below 100 C +/-1 °C and +/- 0.5 % Probe, below 100 °C +/-1 °C			
Temperature Accuracy*	Plate +/- 5 °C (after Single Point Calibration) and Probe +/- 0.5 °C (after Single Point Calibration)			

Temperature Calibration	Five Plate and Five Probe				
Timer	1 minute to 99 hours and 59 minutes				
Control	Digital				
Display	Custom Backlit LCD				
Communication	USB				
Capacity	15 L	18 L	20 L		
Top Plate Material	Ceramic		Aluminum		
Dimensions (H x L x		4.8 x 16.3 x 11.3 in	5.0 x 10.5 x 6.8 in		
W)	12.2 x 30.9 x 22.3 cm	12.2 x 41.5 x 28.6 cm	12.6 x 26.7 x 17.3 cm		
Net Weight	5.7 lb. / 2.6 kg	11.5 lb. / 5.2 kg	5.7 lb. / 2.6 kg		
Power	120V, 10A, 50/60Hz 230V, 6.0A, 50/60Hz	120V, 11.2A, 50/60Hz 230V, 7A, 50/60Hz	120V, 8.3A, 50/60Hz 230V, 4.6A, 50/60Hz		
Power Consumption	1080 W (120V) 1242W (230V)	1210 W (120V) 1449 (230V)	896 W (120V) 952 (230V)		
Working	41 °F – 104 °F, 80 % RH, non-condensing / 5 °C – 40 °C, 80 % RH,				
Environment	3				
Accessories					
* Conditions permitting					

Item No.	Description	e-G71HS07C e-G71HS10C e-G71HSRDM
30500570 Base Plate, 135 mm		X
30500571 Handles for Base Plate		X
30500572 Section	nal Block, 12 mm Vials	X
30500573 Section	nal Block, 15 mm Vials	X
30500574 Section	nal Block, 17 mm Vials	X
30500575 Section	nal Block, 21 mm Vials	X
30500576 Section	nal Block, 28 mm Vials	X
30500577 Section	nal Block, 12 mm Test Tubes	X
30500578 Section	nal Block, 16 mm Test Tubes	X
30500579 Sectional Block, 20 mm Test Tubes		X
30500580 Section	nal Block, 25 mm Test Tubes	X
30500581 Uni Block, 12 mm Vials		X
30500582 Uni Bl	ock, 15 mm Vials	X
30500583 Uni Bl	ock, 17 mm Vials	X
30500584 Uni Bl	ock, 21 mm Vials	X
30500585 Uni Bl	ock, 28 mm Vials	X
30500586 Uni Bl	ock, 12 mm Test Tubes	X
30500587 Uni Bl	ock, 16 mm Test Tubes	X
30500588 Uni Bl	ock, 20 mm Test Tubes	X

^{*} Conditions permitting. Variations in temperature measurement process, vessel, ambient and sample will impact actual performance.

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30500589 Uni Block, 25 mm Test Tubes			Χ
30392233 Clamp, Specialty, Rod, CLS-RODS			Χ
30500590 Temperature Probe, 20 cm S/S	X	Χ	Χ
30500591 Temperature Probe, 20 cm PTFE	X	Χ	Χ
30500592 Temperature Probe, 25 cm S/S	Χ	Χ	Χ
30500593 Temperature Probe, 25 cm PTFE	Χ	Χ	Χ
30500594 In Use Cover Guardian, 7" x 7"	Χ		
30500595 In Use Cover Guardian, 10" x 10"		X	
30500596 In Use Cover Guardian, Round			Χ
30500597 Vessel Clamp	Χ	X	Χ
30500598 Stir Bar Retriever	Χ	X	Χ
30412537 Wireless Dongle MTICWD-200	Χ	X	Χ
30392314 Clamp, Specialty, Column, CLS-COLMNSS	X	Χ	Χ
30392315 Clamp, Specialty, Column, CLS-COLMNSM	Χ	X	Χ
30392316 Clamp, Specialty, Column, CLS-COLMNSL	X	Χ	Χ
30392317 Clamp, Specialty, Column, CLS-COLMNSX	X	X	Χ
30392318 Clamp, Specialty, Nester, CLS-NESTXS	X	X	Χ
30400145 Ultra Flex Support Kit	X	X	Χ
30400146 Support Rod And Clamp Kit	X	X	Χ
30400147 Spinbar, 2.5 cm PTFE	X	X	X
30400148 Spinbar, 3.8 cm PTFE	X	X	X
30400149 Spinbar, 7 cm PTFE	X	X	X
30400150 Spinbar, 10 cm with Pivot Ring PTFE	X	X	Χ

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