



## Ohaus e-G71HS07C Guardian 7000 Hotplate Stirrer- (60 rpm – 1,600 rpm / Ambient + 5°C – 500°C)

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.



Manufacture: Ohaus

SKU: 30500600

UPC:

840308905801

Weight: 6.00 lb

Free Ground Shipping  
within the 48  
continental US States

**Please Call  
(800)832-0055**

## Features

**Durable Hotplate Stirrers with Superior Safety Features and Intelligent Performance** 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.

### Unique Features:

- SmartPresence™ and SmartLink™ Technologies Ensure Supervised Operation Protect your lab with patented SmartPresence™ and SmartLink™ technologies. These exclusive features automatically shut off the heater if no one is detected after a user set "time out" period has passed.
- SafetyHeat™ System Protects the Lab An industry-leading early detection system that uses two independent safety controls to continuously monitor the electronics and shut off heating before an overtemperature condition occurs.
- Powerful, Consistent Stirring Performance Precise stirring from 60 to 1600 rpm is made possible by the design of a powerful motor, strong magnet and software controlled ramp rate,

ensuring secure magnetic coupling for viscous applications.

- Customized Performance for Precise Applications SmartHeat™ allows you to set the maximum temperature of the unit and SmartRate™ enables fast or slow temperature and speed ramp rates. The programming feature allows storage of 5 multi-step programs.

<b>Function</b>	Heating and Stirring
<b>Capacity (text)</b>	15 L
<b>Plate Construction</b>	Ceramic
<b>Plate Size (Length)</b>	178.0 mm (7.0 in)
<b>Plate Size (Width)</b>	178.0 mm (7.0 in)
<b>Temperature Range</b>	Ambient + 5°C – 500°C
<b>Speed Range</b>	60 rpm – 1,600 rpm
<b>Speed Stability</b>	+/-2%
<b>Temp. Accuracy</b>	Plate +/-5°C (after SPC) and Probe +/-0.5°C (after SPC)
<b>Temp. Stability</b>	+/-1% Plate, below 100°C +/-1°C +/-0.5% Probe, below 100°C +/-1°C
<b>Control</b>	Digital
<b>Calibration</b>	Temperature calibration
<b>Dimensions (Width)</b>	223.0 mm (8.8 in)
<b>Temperature probe</b>	Pt1000
<b>Display</b>	Custom Backlit LCD
<b>Timer</b>	1 minute – 99 hours, 59 minutes
<b>Dimensions (Length)</b>	267.0 mm (10.5 in)
<b>Working Environment</b>	41°F – 104°F, 80%RH, non-condensing 5°C – 40°C, 80%RH, non-condensing
<b>Dimensions (Height)</b>	122.0 mm (4.8 in)
<b>Net Weight</b>	2.6 kg (5.7 lb))
<b>Safety Certification</b>	TUV
<b>In-use cover</b>	Included
<b>Power</b>	120V, 10A, 50/60Hz
<b>Power Consumption</b>	1,080 W

## Specifications

	<b>e-G71HS07C</b>	<b>e-G71HS10C</b>	<b>e-G71HSRDM</b>
<b>Function</b>	Heating and Stirring		
<b>Top Plate Size</b>	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
<b>Speed Range</b>	60 rpm to 1600 rpm		
<b>Speed Stability</b>	+/- 2 %		
<b>Temperature Range</b>	Ambient + 5 °C – 500 °C		Ambient + 5 °C – 380 °C
<b>Temperature Stability*</b>	+/- 1 % Plate, below 100 C +/-1 °C and +/- 0.5 % Probe, below 100 °C +/-1 °C		

<b>Temperature Accuracy*</b>	Plate +/- 5 °C (after Single Point Calibration) and Probe +/- 0.5 °C (after Single Point Calibration)		
<b>Temperature Calibration</b>	Five Plate and Five Probe		
<b>Timer</b>	1 minute to 99 hours and 59 minutes		
<b>Control</b>	Digital		
<b>Display</b>	Custom Backlit LCD		
<b>Communication</b>	USB		
<b>Capacity</b>	15 L	18 L	20 L
<b>Top Plate Material</b>	Ceramic		Aluminum
<b>Dimensions (H x L x W)</b>	4.8 x 12.2 x 8.8 in 12.2 x 30.9 x 22.3 cm	4.8 x 16.3 x 11.3 in 12.2 x 41.5 x 28.6 cm	5.0 x 10.5 x 6.8 in 12.6 x 26.7 x 17.3 cm
<b>Net Weight</b>	5.7 lb. / 2.6 kg	11.5 lb. / 5.2 kg	5.7 lb. / 2.6 kg
<b>Power</b>	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
<b>Power Consumption</b>	1080 W (120V) 1242W (230V)	1210 W (120V) 1449 (230V)	896 W (120V) 952 (230V)
<b>Working Environment</b>	41 °F – 104 °F, 80 % RH, non-condensing / 5 °C – 40 °C, 80 % RH, non-condensing		
<b>Accessories</b>	Temperature Probe and In Use Cover (Included)		

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

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

<b>30500587</b>	Uni Block, 16 mm Test Tubes			X
<b>30500588</b>	Uni Block, 20 mm Test Tubes			X
<b>30500589</b>	Uni Block, 25 mm Test Tubes			X
<b>30392233</b>	Clamp, Specialty, Rod, CLS-RODS			X
<b>30500590</b>	Temperature Probe, 20 cm S/S	X	X	X
<b>30500591</b>	Temperature Probe, 20 cm PTFE	X	X	X
<b>30500592</b>	Temperature Probe, 25 cm S/S	X	X	X
<b>30500593</b>	Temperature Probe, 25 cm PTFE	X	X	X
<b>30500594</b>	In Use Cover Guardian, 7" x 7"	X		
<b>30500595</b>	In Use Cover Guardian, 10" x 10"		X	
<b>30500596</b>	In Use Cover Guardian, Round			X
<b>30500597</b>	Vessel Clamp	X	X	X
<b>30500598</b>	Stir Bar Retriever	X	X	X
<b>30412537</b>	Wireless Dongle MTICWD-200	X	X	X
<b>30392314</b>	Clamp, Specialty, Column, CLS-COLMNSS	X	X	X
<b>30392315</b>	Clamp, Specialty, Column, CLS-COLMNSM	X	X	X
<b>30392316</b>	Clamp, Specialty, Column, CLS-COLMNSL	X	X	X
<b>30392317</b>	Clamp, Specialty, Column, CLS-COLMNSX	X	X	X
<b>30392318</b>	Clamp, Specialty, Nester, CLS-NESTXS	X	X	X
<b>30400145</b>	Ultra Flex Support Kit	X	X	X
<b>30400146</b>	Support Rod And Clamp Kit	X	X	X
<b>30400147</b>	Spinbar, 2.5 cm PTFE	X	X	X
<b>30400148</b>	Spinbar, 3.8 cm PTFE	X	X	X
<b>30400149</b>	Spinbar, 7 cm PTFE	X	X	X
<b>30400150</b>	Spinbar, 10 cm with Pivot Ring PTFE	X	X	X

i81u812

- Contact US

718-336-5900

Returns

Store Policies

About Us

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