

Stirrers, Magnetic

Magnetic Stirrer/Hotplates continued

Magnetic Stirrer/Hotplates, Square Plate, Ohaus Guardian series

Maximum speed 1800rpm and volume stirred 15 litres. Maximum temperature 550°C. Electronic setting using separate dial switch controls for heat and stirring speed, with separate high-resolution, backlit LCD readouts. With moulded glass-ceramic top-plate, single-point calibration and dual independent safety controls to continuously monitor the electronics and shut down heating before overtemperature occurs. Guardian 7000 models additionally feature SmartPresence and SmartLink technologies which allow a user to "pair" a mobile device to the unit to supervise operation and enable a heater shutdown if no operator is detected after a user-set period of time has elapsed. They also have SmartHeat and SmartPlate functions which allow maximum temperature and heat ramp rate adjustment. All units feature a "heat on" icon, retort rod holder at the rear of the housing and have a remote probe socket for use with an accessory probe to monitor media temperature directly. For 230V 50/60Hz single phase supplies.

	Model	Top plate, mm	Overall W x D x H, mm
Guardian 5000			
SS720-05	e-G52HS07C	178 x 178	223 x 309 x 122
SS720-15	e-G512S10C	254 x 254	286 x 415 x 122
Guardian 7000			
SS720-35	e-G71HS07C	178 x 178	223 x 309 x 122
SS720-45	e-G71HS10C	254 x 254	286 x 415 x 122

Accessory temperature probes for Guardian series

- SS722-08** Stainless steel, 250mm long
- SS722-11** PTFE-coated, chemically resistant, stainless steel, 250mm long
- SS722-14** Support rod and clamp kit for probes

Magnetic Stirrer/Hotplates, Round Plate, Ohaus Guardian series

Maximum speed 1800rpm and volume stirred 20 litres. Maximum temperature 360°C. Electronic setting using separate dial switch controls for heat and stirring speed, with separate high-resolution, backlit LCD readouts. With circular, 135mm diameter top-plate, single-point calibration and dual independent safety controls to continuously monitor the electronics and shut down heating before overtemperature occurs. Guardian 7000 models additionally feature SmartPresence and SmartLink technologies which allow a user to "pair" a mobile device to the unit to supervise operation and enable a heater shutdown if no operator is detected after a user-set period of time has elapsed. They also have SmartHeat and SmartPlate functions which allow maximum temperature and heat ramp rate adjustment. All units feature a "heat on" icon, retort rod holder at the rear of the housing and have a remote probe socket for use with an accessory probe to monitor media temperature directly. Accessory blocks allow use with a variety of tubes. For 230V 50/60Hz single phase supplies.

	Model	Overall W x D x H, mm
Guardian 5000		
SS725-25	e-G52HSRDA	173 x 267 x 126
Guardian 7000		
SS725-30	e-G71HSRDM	173 x 267 x 126

Accessory blocks

Single, anodised aluminium block which covers the whole hotplate surface. Vial blocks have approximately 17mm depth wells, tube blocks have approximately 45mm depth wells. For vessels as indicated.

- SS727-02** For 40 x 12mm diameter vials
- SS727-03** For 40 x 15mm diameter vials
- SS727-06** For 32x 17mm diameter vials
- SS727-09** For 24 x 21mm diameter vials
- SS727-12** For 16 x 28mm diameter vials
- SS727-15** For 40 x 12mm diameter test tubes
- SS727-18** For 32 x 16mm diameter test tubes
- SS727-21** For 32 x 20mm diameter test tubes
- SS727-24** For 24x 25mm diameter test tubes
- SS727-27** Baseplate which sits on the hotplate under the accessory block allowing removal of blocks when hot. Requires handles SS727-28 for operation.
- SS727-28** Handles for SS727-27 baseplate, pack of 2

Sectional blocks covering part of the hotplate surface, allowing mixed vessel types to be handled, are also available - details on request.



SS720-05



SS725-25



SS720-15



SS725-30