

Features

- All hotplate models are compatible with the RS temperature controller.
- Together with your RS PRO hot plate, the ensures accurate temperature control of aqueous or oil-based samples, up to a maximum of 200°C.
- The RS temperature controller is automatically detected when plugged in.

RS PRO Hot Plate Controller

RS Stock No.: 2846778



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- Accurate liquid temperature control
- Operates from 20 to 200°C with $\pm 0.5^\circ\text{C}$ accuracy
- Built-in retort fitting & probe holder
- Detachable temperature probe
- Bright, easy to read LED display
- Compact & light weight
- Comprehensive range of accessories
- Come with PT100 detachable probe enabling the temperature controller to be positioned away from damaging fumes
- Can be used in two different modes, either as a temperature controller ('control mode') or as a digital thermometer ('monitor mode').

General Specifications

Type	Temperature Controller with PT100 stainless steel probe
Temperature Range	20 to 200°C
Accuracy	$\pm 0.5^\circ\text{C}$
Resolution	1°C
Style	Digital
Display Type	Digital
LED Temperature Indicator	Yes
Interface	DIN
Installation Category	II

Electrical Specifications

Power Supply	Powered by the hot plate
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Mechanical Specifications

Dimensions (l x w x h)	75 x 90 x 123mm
Width	90mm
Length	75
Height	123mm
Weight	0.3 kg (including probe)
Body Material	Stainless Steel (Probe)

Body Colour	White
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Protection Category

IP Protection	IP54
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Accessories Includes

Stock #	Item Name	Item Description	Qty
	Probe holder	Probe holder for the rod	1
	PTFE probe	PTFE coated PT100 temperature probe	1
	Retort rod	Rod for clamping the controller at a safe distance	1

Product Range

Hot Plates

Stock No.	Heat Power	Display	Plate Material	Max Temp.	Plate Dimensions
284-6772	500W	Analogue	Glass Ceramic	450°C	255 x 180mm
284-6773	700W	Analogue	Coated Aluminium/ Silicon	325°C	150 x 150mm
284-6771	750W	Digital	Coated Aluminium/ Silicon	325°C	150 x 150mm

Stirrers

Stock No.	Capacity	Display	Plate Material	Speed
284-6774	15L	Analogue	Glass Ceramic	100 to 2000rpm
284-6775	15L	Analogue	Stainless Steel	100 to 2000rpm

Hot Plates & Stirrers

Stock No.	Heat Power	Display	Plate Material	Max Temp.	Plate Dimensions
284-6776	500W	Digital	Glass Ceramic	450°C	150 x 150mm
284-6777	700W	Analogue	Coated Aluminium/ Silicon	325°C	150 x 150mm

Hot Plate Controller

Stock No.	Probe	Display	Probe Material	Max Temp.	Dimensions
284-6778	PT100	Digital	Stainless Steel	200°C	75 x 90 x 123mm

Mixer

Stock No.	Type	Capacity	Body Material	Speed
284-6770	Orbital Shaker	100g	Die Cast Alloy	2500 to 4500rpm