

STEM Heating Blocks



Stem Heating and Shaking



RS6000 Reacto Station™

Product Description

- Heating and shaking in one compact instrument.
- Removable reaction block for test tubes and microtitre plates can be customized to accept different vessels.
- Backlit LCD displays digital readout of actual temperature and rpm.
- Heating and shaking cycles can be controlled by external software as part of a fully automated system through the RS232.
- Up to ten units can be linked via their RS485 connectors and then be individually controlled, giving the additional facilities of unattended operation, speed variation and temperature ramping over user-defined time periods.

Compact Incubated Shaker!

- Variable speed up to full vortex
- Removable reaction block
- Automatic operation

Operation

- Adjustable stirring speed from 100 to 600 rpm.
- Agitation begins with a soft start to minimize sample damage.
- Adjustable stirring ramp rate allows you to ramp from 0 - 10 ramps per second.
- Heated platform rotates in a circular orbit for efficient mixing of reactants.

Safety

- The heating block is surrounded by insulation so the surrounding casework remains cool to the touch.
- Temperature cutout eliminates runaway condition.

PRODUCT SPECIFICATIONS

Stir Speed Range (rpm)	100 to 600 rpm
Soft Start (ramp/second)	Adjustable 0 - 10
Temperature Stability (°C)	±0.5
Ramp Rate	25 to 80°C in 30 minutes; 25 to 150°C in 60 minutes.
Backlit LCD display	resolution to 1°C and 1 rpm
Overall Dimensions (W x H x D)	9.3" x 6.5" x 20" (23.5 x 16.5 x 50.8 cm)
Shipping Weight	30.8 lb. (14 kg)

ORDERING INFORMATION

Model #	Description	Maximum Temperature	Electrical (50/60 Hz) Volts	US List Price
PS80076	RS6000A, no RS232, low temp.	100°C	110 VAC	\$8,529.00
PS80075	RS6000A, no RS232, low temp.	100°C	230 VAC	\$8,529.00
PS80078	RS6000B, no RS232, high temp.	150°C	110 VAC	\$9,958.00
PS80077	RS6000B, no RS232, high temp.	150°C	230 VAC	\$9,958.00
PS80059	RS6000C, RS232, high temp.	150°C	110 VAC	\$12,574.00
PS80046	RS6000C, RS232, high temp.	150°C	230 VAC	\$12,574.00

ACCESSORIES

Model #	Description	US List Price	Model #	Description	US List Price
PS80052	Reaction block for test tubes, 96, 16mm holes fitted with high temperature rubber inserts	\$4,075.00	PS80065	Reactor for Charybdis Calypso System (holds two blocks)	\$2,855.00
PS80064	Reaction block for test tubes, 40, 24mm holes	\$3,919.00	PS80048	96 well PTFE microtitre plate, 9, 8mm ID, holds ~1.1ml	\$193.40
PS80074	Reaction block for 4 x standard microtitre plates	\$2,463.00	PS80049	96 well PTFE microtitre plate lid	\$96.80
PS80047	Reaction block for 4 x 96 well PTFE microtitre plates	\$2,329.00	PS80051	96 well PTFE microtitre plate complete with lid	\$257.80