

STEM Heating Blocks



Stem Heating and Stirring



RS900 Reacto Station™

Reflux modules cool the exposed portion of the test tube minimizing sample loss through evaporation during reaction.



Most Economical!

- Manual operation
- Heats and stirs up to 10 test tubes
- Optional reflux modules minimize sample loss

Operation

- Adjustable stirring speed from 400 to 2000 rpm.
- Adjustable stirring ramp rate allows you to ramp from 0 - 10 ramps per second.
 - Powerful magnetic stirrers located beneath each position drive a small stir bar in the test tube.
 - Positive feed back through sensor allows actual solution temperature to be monitored.

Safety

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

Optional Reflux Module

- Optional reflux module cools the exposed portion of the test tube, minimizing sample loss through evaporation during reaction.
- Choose from a compact forced air model that requires no plumbing or a liquid cooled unit for lower temperatures and precise, uniform control across the tubes.
- Both models are fitted with a removable lid and inlet port for purging with inert gas.

Product Description

- For small volumes (10 - 30 ml), the RS900 uses a standard 24 or 25 mm tube size.
- Optional adapter sleeves increase product flexibility to use 24, 20 or 16 mm tubes.
- Customization of well size and depth available. Contact Customer Service.
- Small profile saves valuable laboratory bench and fume hood space.

PRODUCT SPECIFICATIONS

Model #	RS900 (RS900A)	Temperature stability (°C)	±0.5
No. of stirred positions	10, 24 mm tubes (10, 25 mm tubes)	Time to max./min. temp. (minutes)	15
Stir speed range (rpm)	400 to 2000	Interface	None
Soft start (ramp/second)	Adjustable 0 - 10	Overall dimensions (W x H x D)	6.3" x 5.3" x 9.6" (15.9 x 13.5 x 24.3 cm)
Temperature range (°C)	Ambient +5 to 150°C	Shipping Weight Lb.(kg)	15.4 lb. (7 kg)

ORDERING INFORMATION

Model #	Description	Electrical (50/60 Hz) Volts	US List Price
PS80067	Stem RS900, 24 mm; 44 mm deep	230 VAC	\$4,265.00
PS80068	Stem RS900, 24 mm; 44 mm deep	110 VAC	\$4,265.00
PS80067A	Stem RS900, 25 mm; 44 mm deep	230 VAC	\$4,265.00
PS80068A	Stem RS900, 25 mm; 44 mm deep	110 VAC	\$4,265.00
PS80068A/70	Stem RS900, 25 mm; 70 mm deep	115 VAC	\$4,145.00

*See accessories on page 89