

STEM Heating Blocks



STEM Chilling and Stirring



RS1050 Reacto Station™

State of the Art Unitized Design!

- Achieve as low as -80°C performance
- Uses a CFC-free refrigerated gas chiller
- Unique spring loaded closure system eliminates ice formation around the block and test tubes

Operation

- Adjustable stirring ramp rate allows you to ramp from 0 - 10 ramps per second.
- Powerful magnetic stirrers located beneath each position.
- Can be manually or remotely controlled by external software as part of a fully automated system through the RS232/485.

Safety

- Safe-to-touch heating block is surrounded by insulation.
- Temperature cutout eliminates runaway conditions.

Product Description

- Unique spring loaded closure system eliminates ice formation.
- Automatic temperature control.

PRODUCT SPECIFICATIONS

Model #	RS1050	RS2550	RS5050	RS2480
No. of stirred positions	10	25	50	24
Stir speed range (rpm)	400 to 2000	400 to 2000	400 to 2000	400 to 2000
Soft start (ramp/second)	Fixed	Adjustable 0 - 10	Adjustable 0 - 10	Adjustable 0 - 10
Temperature range (°C)	-30 to +70	-30 to +50	-30 to +50	-80 to +50
Temperature stability (°C)	±0.5	±0.5	±0.5	±0.5
Time to max./min. temp. (minutes)	40	40	60	260
Interface	RS232/485	RS232 and switched	RS232 and switched	RS232 and switched
Overall Dimensions (W x H x D)	6.3" x 6.7" x 12.1" (15.9 x 16.9 x 30.7 cm)	10.4" x 6.3" x 14.2" (26.5 x 15.9 x 35.9 cm)	14.2" x 6.3" x 21.3" (35.9 x 15.9 x 53.9 cm)	13.4" x 9.8" x 22.4" (33.9 x 24.9 x 56.9 cm)
Size of chiller (W x H x D)	11.8" x 15.7" x 7.9" (29.9 x 39.9 x 19.9 cm)	11.8" x 15.7" x 7.9" (29.9 x 39.9 x 19.9 cm)	11.8" x 15.7" x 7.9" (29.9 x 39.9 x 19.9 cm)	24" x 17.7" x 16.9" (60.9 x 44.9 x 42.9 cm)
Shipping Weight Lb. (kg)	33 (15)	37.5 (17)	44 (20)	61.5 (28)
Shipping Weight of chiller Lb. (kg)	44 (20)	44 (20)	44 (20)	94.6 (43)

ORDERING INFORMATION

Model #	Description	Electrical (50/60 Hertz) Volts	US List Price	Model #	Description	Electrical (50/60 Hertz) Volts	US List Price
PS80038	RS1050, 10, 24 mm tubes	110 VAC	\$9,547.00	PS80040	RS5050, 50, 24 mm tubes	110 VAC	\$16,648.00
PS80110	RS1050, 10, 24 mm tubes	230 VAC	\$9,547.00	PS80150	RS5050, 50, 24 mm tubes	230 VAC	\$16,648.00
PS80039	RS2550, 25, 24 mm tubes	110VAC	\$12,457.00	PS80066	RS2480, 24, 24 mm tubes	110 VAC	\$22,921.00
PS80125	RS2550, 25, 24 mm tubes	230 VAC	\$12,457.00	PS80063	RS2480, 24, 24 mm tubes	230 VAC	\$22,921.00

Add suffix "A" to all model numbers for 25 mm tube size models.
*See accessories on page 89