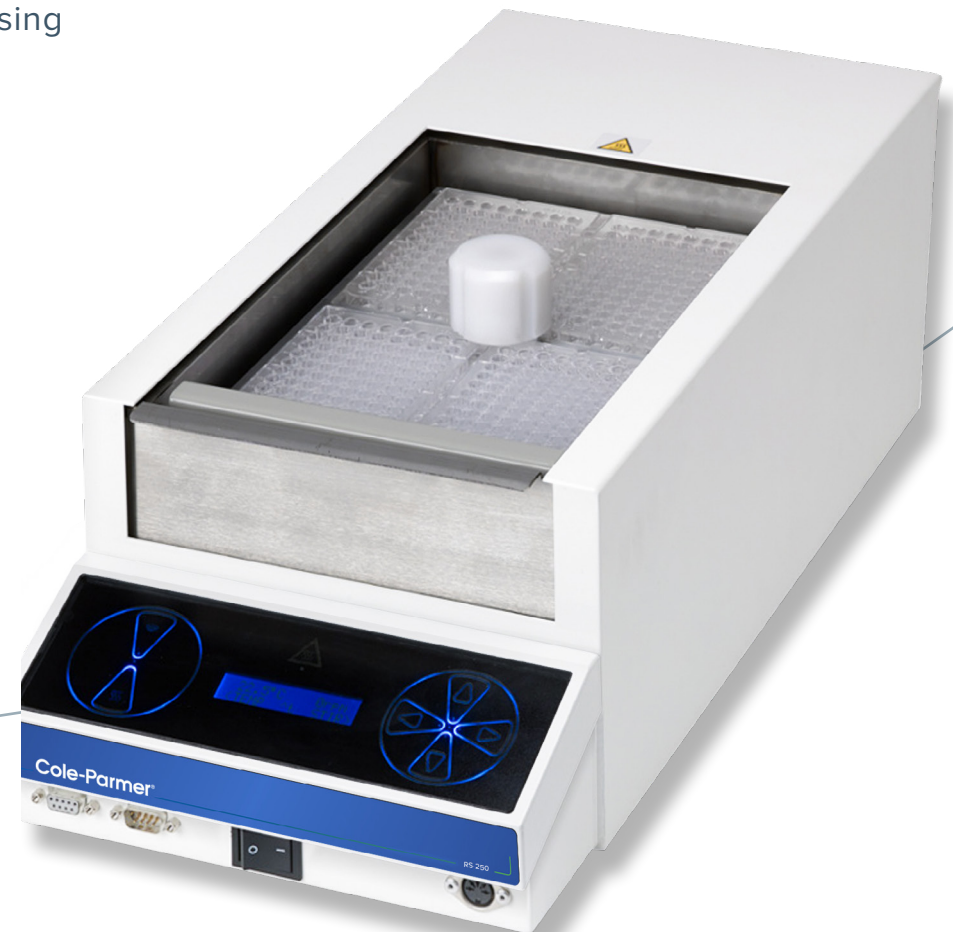


## RS-250 Series Shaking Reaction Station

- Versatile—interchangeable heating blocks accommodate various vessels and tray formats
- Can be used on a robotic platform or within a laboratory using auto-park feature
- Choice of touchscreen control or external control via RS-232/ RS-485/ GSIOC ports
- Operates over a temperature range of ambient to 150 °C
- Agitation speed of 100 to 600 rpm
- 2-axis X-Y gyration system is mounted on a solid bronze chassis for excellent stability and reliability
- 3-year warranty



## Specifications

Model no.	RS-250
Temperature range	Ambient to 150 °C (302 °F)
Temperature stability	±1.5 °C
Agitation speed	100 to 600 rpm
Display	Blue double-line LCD, backlit
Panel	Capacitance touch control (CTC)
Timer	1 to 99 hours
Communications	RS-232, RS-485, GSIOC
Dimensions (W x H x D)	24.0 x 16.5 x 51.0 cm (9.4 x 6.5 x 20.1 in)
Warranty	3 years

## Ordering Information

Description	Item no.	Series no.	Model no.	Legacy SKU
Shaking reaction station, 115 VAC, 50/60 Hz, 900 W	99968-13	RS-250	RS-250D-S-115	PS83000X1

## Accessories

Description	Item no.	Legacy SKU
Heating block for 4 x PTFE 96-well microtiter plates	99968-05	PS80047
Heating block for 96 x 16 mm OD test tubes	99968-07	PS80052
Heating block for 40 x 24 mm OD test tubes	99968-08	PS80064
Heating block for 40 x 17 mm OD test tubes	68006-12	PS80069
Heating block for 96 x 1.5 ml Eppendorf tubes	99968-11	PS80114
External RTD temperature probe	36630-62	AZ140940

# RS-250 Series Shaking Reaction Station

The RS-250 heater/shaker reaction station can be used within a robotic workstation or as a stand-alone apparatus in the lab. On a robotic platform, heating and shaking cycles can be controlled by external software or as part of a fully automated system, through the RS-232/ RS-485/GSIOC ports. For stand-alone use, there is the additional option of controlling heating and shaking cycles via the user-friendly touchscreen. Designed for reliable, continuous 24 hour heating and agitation.

The touchscreen panel enables the temperature and shaking speeds to be changed using up/down arrows and the actual values are clearly displayed on a high-definition LCD which has an anti-glare coating. The LCD is cool blue to be visible in both bright and dim lighting conditions, without deleteriously affecting light-sensitive chemicals. The touchscreen has a laminated toughened glass panel that is chemically resistant to most solvents.

Order interchangeable heating blocks separately at left.

## Safety features

- Thermal cut-off eliminates runaway conditions
- Hot block warning via a highly visible warning display icon to alert you when the block temperature is above 50 °C, even when the apparatus is unplugged from the power supply
- Can be stopped rapidly in case of emergency by pressing down on the front sliding door. The front display will indicate "Door Open" and immediately stop
- Heating and stirring can be reset after stopping by closing the door and pressing the function key zones on the front panel to reactivate

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