Cole-Parmer®

Cole-Parmer®
Reaction Station - RS-200

- Interchangeable modular design
- Greater stirring stability & stir speeds of 100 - 800 rpm
- Simple menus & touchpad interface to control the system performance
- All heater cartridges are equipped with "in block heaters" that allow temperatures up to 220°C
- High level of stability (± 1.5°C) across the heater cartridge itself
- An external temperature probe to increase temperature accuracy to 0.5°C
- An outer casing to retain the "cool to touch" safety feature that so many of our customers value
- Selected cartridges can also be used in conjunction with a cooling plug to extend the temperature range from - 30°C to 220°C

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Cole-Parmer® Reaction Station - RS-200

The Cole-Parmer® RS-200 reaction station enables you to run up to 10 reactions simultaneously at the same controlled temperature and stirring rate and a working volume of 1 to 25 mL. The modular design of the RS-200 reaction station means that the same base unit can accommodate a variety of cartridges and sample volumes from 1 to 1000mL. This base unit can accommodate the Digi-Mantle heating cartridges making a space saving, cost effective option for all labs. All heating blocks, glassware and reflux heads are also interchangeable. In addition, its compact footprint means that it can be placed into any fume hood or onto a small bench space.

The RS-200 reaction station has recently been upgraded to offer greater flexibility and productivity for benchtop chemistry, whilst retaining its rugged controller design.

Technical Specification

Specification	RS-200D	RS-200D-115
Number of positions	10	10
Well diameter	24.5 or 25.5mm	24.5 or 25.5mm
Working volume	1 - 25mL	1 - 25mL
Controlled block temperature range	Ambient to 220°C	Ambient to 220°C
Temperature range using cooling plug and chiller	- 30°C to 220°C	- 30°C to 220°C
Stir speed range	100 - 800 rpm	100 - 800 rpm
Dimensions (W x D x H)	235 x 330 x 300m	235 x 330 x 300m
Shipping weight (kit)	10kg	10kg
Electrical requirements	230V, 50 - 60Hz, 500W	230V, 50 - 60Hz, 500W

Kit Contents	RS-200D	RS-200D-115
Controller (RS-200)	+	+
Heating cartridge (RS-200)	10 x 25mm bores	10 x 25mm bores
Reaction vessels (glassware)	10 x 25ml	10 x 25ml
Inerting caps	+	+
Stirrer bars	+	+
Reflux head	+	+
External temperature probe	+	+

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Series RS-200D kit for 10 position Reaction Station (working volume of 1 - 25mL)	36630-01	RS-200	RS-200D	OS1025
Series RS-200D-115 kit for 10 position Reaction Station (working volume of 1 - 25mL)	36630-02	RS-200	RS-200D-115	OS1025X1

Accessories

Description	Ordering Number	Legacy Sku.
Small volume test tubes 24 - 16mm taper (3ml) x10	36630-83	ATS10055
Reducing sleeves for ATS10055 x10	36630-84	ATS10056
Small volume test tubes 24 - 11mm taper (1ml) x10	36630-87	ATS10209
Reducing sleeves for ATS10209 x10	36630-86	ATS10101
Stirrer bars 10 x 6mm, pack of 10	36630-98	AZS4206
Stirrer bars 12 x 4.5mm, pack of 10	36630-99	AZS4235
10 Position reflux/Inerting head	36630-72	ATS10115
Dropping funnel (50ml) x 1	36630-60	ATS10170
24x150mm SVL thread test tubes x10	36630-85	ATS10075
Inerting caps SVL thread x10	36630-74	ATS10377
RS-200 Cooling plug	36630-71	ATS10114
Temperature probe 5 pin PT100	36630-70	ATS10063

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