

Digital Hotplate Stirrers

- Digital setting and control of both temperature and speed
- Choice of aluminum or chemically resistant ceramic tops
 - Glass ceramic top plate is chemically resistant and gives very fast heat up times
 - Aluminum/silicon alloy top plate gives a very even plate temperature and quick response to changing set temperature
- As the hotplate heats the sample to the set temperature, the advanced microprocessor automatically measures the rate of temperature rise to judge the capacity and nature of samples. It then optimizes the heating rate to minimize overshoot and time to set time.
- Comes complete with a detachable PEFE coated probe for accurate control of liquid temperature,
- Special design makes sure that the fluid will not splash to user.
- Internal electronic components are protected against corrosion with a special coating
- Flashing “Hot” warning light and independent safety circuit to protect against overheating



CD162

Specification		
Model	SD162	CD162
Plate Material	Aluminum/ silicon alloy	Glass Ceramic
Plate Size	160 x 160mm	
Max. Plate temp.	300°C	450°C
Max. Liquid Temp.	200°C	
Display Resolution	0.1°C	
Control Accuracy	±0.5°C	
Stirrer Speed	200-1300rpm	
Max. Stirring Capacity	15L	
Dimensions	190 (W) x 300 (D) x 110 (H) mm	
Electrical Supply	230V 750W	230V 550W



Optional accessory:
Protective Covers, Oil/ Water Bath, Sand bath and Round bottom flask block

Hotplate Stirrers

Specification		
Model	SB162	CB162
Plate Material	Aluminum/silicon alloy	Glass Ceramic
Plate Size	160 x 160mm	
Max. Plate Temp	325°C	450°C
Stirrer Speed	100-1500rpm	
Max. Stirring Capacity	15L	
Dimensions	190 (W) x 300 (D) x 110 (H) mm	
Electrical Supply	230V 750W	230V 550W



CB162

Heating Mantles

- Heat insulating case
- Can be operated up to 450°C
- Ideal for Using with QUICKFIT glassware

Specification			
Model	Capacity	Dimensions	Power
HM50C	50ml	180 (dia) x 105 (H) mm	230V 70W
HM100C	100ml	180 (dia) x 105 (H) mm	230V 105W
HM250C	250ml	180 (dia) x 105 (H) mm	230V 155W
HM500C	500ml	203 (dia) x 118 (H) mm	230V 240W
HM1000C	1000ml	230 (dia) x 135 (H) mm	230V 360W



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Rotary Evaporators

The rotating system is fitted with a special seal that allows the apparatus to be placed under vacuum. This reduces the boiling point of the solvents and removes the vapour phase making the process much more efficient. They are the ideal tools for many everyday laboratory applications including concentration of solutions, reclamation of solvents, vacuum drying of wet solids and degassing liquids.

Properties:

- Easy to assemble, all interfaces are PTFE screw port connection
- Stable and quiet motor
- Vacuum sealing using Viton rubber, very durable
- Simple, counterbalanced lift mechanism
- Vacuum pump and recirculating cooler available (Optional)
- There is also a plastic coating option for extra safety when using the glassware under vacuum. It acts as a safety screen, contains the glassware under vacuum. It acts as a safety screen, contains the glassware pieces and gives the operator sufficient time to transfer any potentially dangerous chemicals to a suitable vessel without spillage



This symbol confirms that the product complies with and has been tested according to EC regulations.



Specification			
Model	RE300 (P*)	RE301 (P*)	RE302 (P*)
Glass Set	Diagonal Type	Vertical Type	Cold finger condenser
Speed Range	20-190 rpm		
Vacuum	< 1mmHg		
Electrical Supply	220-240V, 50-60 Hz		
Weight	18kg		
Dimensions**	385 (W) x 335 (D) x 470-610 (H) mm		

*Plastic coating option available **Excluding glassware

Water Bath		RE300B
Temperature Range	Ambient to 95°C	
Capacity	3.5L	
Heat Power	1300W	
Electrical Supply	220-240V, 50-60Hz	
Weight	2.3kg	
Dimensions	260 (W) x 280 (D) x 200 (H) mm	



RE301 & RE300B



RE302 & RE300B

Melting point Apparatus SMP30

Specification	
Number of samples	3
Temperature	Ambient to 400°C
Temperature resolution	0.1°C
Display	40 x 4 LCD
Ramp rates	0.5-10°C in 0.1°C increments
Temperature sensor	PT1000 Platinum resistance
Memory	8 results per tube
Accessory printer	Yes
Date/ time display	Yes
Electrical supply	120V/ 230V, 50-60Hz
Dimensions, mm (w x d x h)	325 x 200 x 170
Net Weight, kg	3.6



SMP30



Head up display as seen through viewfinder



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FM24272 & FM13227
BS EN ISO 9002 : 1994



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Incubator with Orbital Shaker SI500

Properties:

- Digital display for temperature and speed
- Forced air circulation ensures uniform heating of the load
- The speed of orbital shaking motion can be set
- The shaker provides an orbital shaking motion, adjustable between 30 to 300rpm for different experiment.
- Unique retractable platform for easy loading and unloading
- Equipped with safety devices. When the door opened, the rotating part in the incubator automatically stops



SI500 carriers



SI500

Specification	
Temperature range	Ambient +5°C to 60°C
Temperature display resolution	0.1°C
Temperature precision	± 0.5°C
Temperature fluctuation	± 0.5°C
Temperature variation	< 0.5°C
Speed range	30 to 300 rpm
Orbital diameter, mm	16
Platform size, mm	335 x 335
Internal dimensions, mm (w x d x h)	422 x 408 x 297
Maximum load, kg	10
Overall dimensions, mm (w x d x h)	450 x 474 x 522
Net weight, kg	30
Electrical supply	230V, 50Hz, 300W

SC6 Colony Counter

- Ideal for fast and accurate counting of bacterial and mould colonies in the petri dish
- SC6 colony counter equip with pressure sensitive count system for counting. A felt tip pen may be used to apply pressure to the dish. The touch pressure causes a count a count to be registered on the digital display.
- The sensitivity required to register a count can be adjusted to suit with an easy to use dial
- Digital readout from 0 to 999
- A choice of either white or black background on which to view colonies is available.
- Built-in average count facility
- Two dish centering adaptors are provided to enable the use of 50 to 90mm petri dishes.
- 1.7x magnifier available (optional accessory)



SC6 with SC6/1

Specification	
Model	SC6
Digital Display	3 digit LED, 0999 count
Dimensions	310 (W) x 300 (D) x 140 (H)
Electrical Supply	230V ac 50Hz 22W

Optional Accessories	
Code No.	Description
SC6/1	1.7 x Magnification magnifier
SC6/2	Wolffhuegel graticule and segmentation discs (10/PK)
SC6/3	Spare dish centering adaptors (2/PK)
SC6/4	Clear protective discs (10/PK)



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