

Molecular Biology

Hybridisation Oven/Shaker



- ◆ Digital set and read temperature control
- ◆ Stainless steel interior
- ◆ Fan circulation
- ◆ Safety thermostat
- ◆ Up-and-over door with double glazed front panel
- ◆ Temperature ambient +8°C to 80°C
- ◆ Variable speed rotisserie and shaker
- ◆ Designed for 20cm wide membrane
- ◆ Rotisserie acts as a bottle stand on the bench

A combined oven/shaker. The 7-bottle rotisserie rotates on rollers. Speed is variable between 2 and 10rpm. A platform fitted in the back drops forward to form a rocking shaker with variable speed of 5 to 70 oscillations per minute. The counterbalanced door opens to allow for full access into the incubator. The front is double glazed of acrylic and polycarbonate to withstand temperatures up to 80°C and to act as a radio-isotope shield.

Catalogue No.	MW400-15	
Model	SI30H	
Type	Oven/shaker	
Capacity	litres	20
Max. temperature	°C	80
Fluctuation at 37°C	±°C	0.5
Dimensions, H x W x D	internal mm	200 x 286 x 230
	external mm	435 x 380 x 380

Hybridisation Oven-Shaker, Stuart

As described. With variable speed, 7-bottle rotisserie, and linear shaker. For 230V 50Hz single phase supplies. Without hybridisation bottles.

MW400-15 Oven Shaker, SI30H

Spares and Accessories

MW400-30 Rotisserie, spare for 7 x 40mm i.d. bottles

MW400-33 Rotisserie, for 2 x 75mm bottles

Hybridisation bottles

Heavy wall borosilicate glass. Suitable for autoclaving up to 140°C.

	H x dia., mm
MW413-18	170 x 40
MW413-22	260 x 40*
MW413-34	260 x 75

*The 260 x 40mm bottles accept the 20cm wide membranes.



MW400-15 in use

PCR Cabinets

Bigneat

- ◆ Choice of models:
 - UV sterilisation cabinet; with powerful UV tube lights and reflectors controlled by a 5 to 30 minute timer. Aluminium frame with 10mm thick acrylic side panels and hinged door flap at the front face including a safety sensor which switches off the UV lamps when the door is opened, PVC base tray, externally controlled white light illumination and corner shelves. Cable ports are provided in the side panels
 - PCR workstation; as above but additionally with fan and class 100 filtration system which maintains positive air pressure out of the cabinet reducing contamination risk. Pre-filter is 90% efficient to EFV grade EU7, the main HEPA filter is 99.997% efficient for particulates as small as 0.3 µm. An electronic filter saturation indicator illuminates when the filters require replacing

Catalogue No.		MW520-10	MW520-20
Cabinet		UV sterilisation	PCR workstation
Dimensions, internal (external)	H mm	730 (802)	730 (802)
	W mm	489 (549)	489 (549)
	D mm	699 (863)	699 (998)
Weight	kg	58	58

PCR cabinets, Bigneat

As described. For 230V 50Hz single phase supplies.

MW520-10 UV sterilising cabinet

MW520-20 PCR workstation

COMMISSIONING

A commissioning service for the PCR cabinets is available within the UK at additional cost – details on request



MW520-20, MW520-10 is similar