

MH-2800 Series of Multi Heaters



2800A



2810D

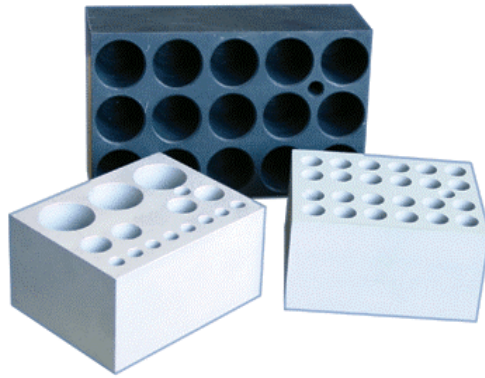


MH-2800E



MH-2800D

Model	2810D	2800A	2800D	2800E
Temp. setting	2-line 4 digit LED display	2-line 4 digit LED display	2-line 4 digit LED display	2-line 4 digit LED display
Temp. range	Ambient+5-200 °C	Ambient+5-130 °C	Ambient+5-200 °C	Ambient+5-200 °C
Temp. stability	±0.1 °C	±0.1 °C	±0.1 °C	±0.1 °C
Temp. accuracy	±0.15 °C	±0.15 °C	±0.15 °C	±0.15 °C
Overheat protect temp.	Set value+5-200 °C	200 °C	200 °C	200 °C
Timing	1-999min.		1-999min.	1-999min.
Heater size	5 7/8"Wx2"Hx3 3/4"D	5 7/8"Wx2"Hx3 3/4"D	5 7/8"Wx2"Hx3 3/4"D	5 7/8"Wx2"Hx3 3/4"D
	150Wx51Hx95D	150Wx51Hx95D	150Wx51Hx95D	150Wx51Hx95D
No. of block	2 (Standard size) or 1 (double size)	2 (Standard size) or 1 (double size)	2 (Standard size) or 1 (double size)	2 (Standard size) or 1 (double size)
Heating power	300W/220V/50Hz	400W/220V/50Hz	400W/220V/50Hz	400W/220V/50Hz
Outer Size	230Wx90Hx200D(mm)	240Wx90Hx215D(mm)	240Wx90Hx215D(mm)	240Wx90Hx215D(mm)



Required for using with block heaters

Type	Tube size accepted (mm)	Number of openings	Opening Diameter(inch)
MH-2800-01	6	30	7.9 5/16"
MH-2800-02	8	30	8.3 21/64"
MH-2800-03	10	24	10.3 13/32"
MH-2800-04	12 or 13	22	13.5 17/32"
MH-2800-05	15 or 16	12	17.5 11/16"
MH-2800-06	17 or 18	12	19.0 3/4"
MH-2800-07	20	8	20.6 13/16"
MH-2800-08	25	6	25.4 1"

HGT Series of Multi Heaters



	HGT-1	HGT-2	HGT-2A
No.of block	1	2	2
Temp. accuracy	$\pm 0.5^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	
Temp. range	Ambient $+5^{\circ}\text{C}$ - 150°C		-20°C -Ambient- 100°C
Temp. control mode	2-line 4-digit LED/ PID Controller/Over-heat protect/PTC Heater		
Power	150W	200W	300W
Weight (kg)	3	5	8

SHAKER



AVS-100 SMALL VARIABLE VORTEX SHAKER



ARS-50 SMALL ROCKING SHAKER

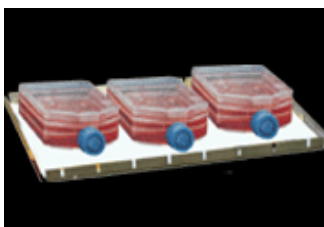


ARCS-50 SMALL BENCH TOP RECIPROCATING SHAKER



AFS-50 SMALL ROTATION SHAKER

	Shaking mode	Speed range	Range of Vibration	Max. load	Timing range	Net Weight (kg)
AVS-100	Vortex	0-2500	4.5mm	1kg	3-60	8.2
AFS-50	Rotation	0-150		2kg	3-60	2.4
ARCS-50	Reciprocate	0-350	10mm	5kg	3-60	2.7
ARS-50	Rocking	0-150	3mm	4kg	3-60	2.5



SWB-2000 HORIZONTAL SHAKING BATH



- ◆ Micro programmable PID controller reduces the temperature difference inside shaking bath and rise temperature fast with small smooth temperature.
- ◆ 2-line 4-digit "LED" display in front panel show the "Set" and "Actual" temperatures.
- ◆ It can automatically shut power down when being overheated, making the system safe and reliable.
- ◆ Temperature offset calibration function provide temperature accuracy control.
- ◆ Number of the shaking per minute can be set.
- ◆ Operation continuously or set timer up to 90 minutes.
- ◆ Special design to prevent additional water drop into flasks.
- ◆ Provide different kinds of sample holders.

Specifications

Temp. setting	2-line 4-digit LED display, micro-programmable PID controller		
Temp. range	Ambient+5°C--100°C	Shaking timing	10-90mins. -continuous
Temp. accuracy	±0.2°C	Water bath volume	20 L
Over-heat protect	Set value+10°C (changeable)	Inner size	490mmWx295mmLx150mmD
Heating power	600W-1200W	Outer size	600mmWx300mmLx300mmD
Shaking times	40-200 times/min.	Shaking displacement	Horizontal 18mm

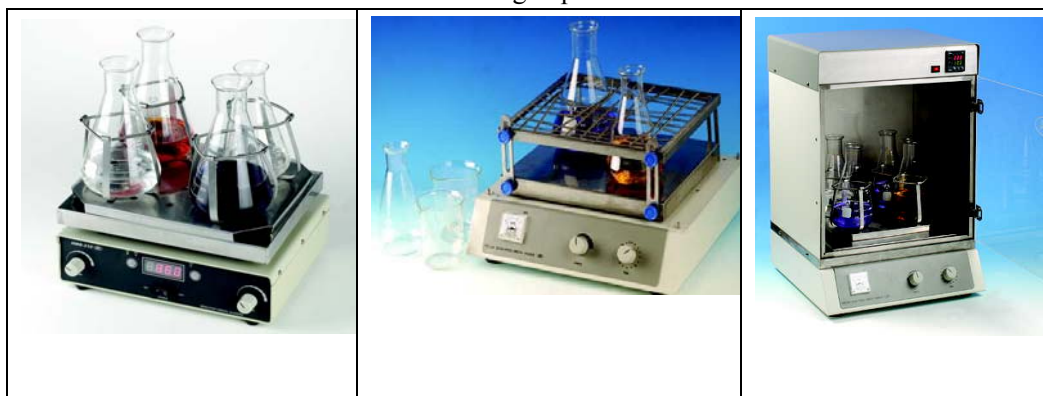
Parameters for bracket box, bottle rack & test tube holder

Size for stainless-steel bracket box	360mmWx275mmLx150mmD
Spring No. in every layer on bracket box	17pcsX12pcs
Test tube holder No. in bracket box	3pcs (250mmWx110mmLx70mmH)
Test tube No. in test tube holder	15-rack, 20-rack, 25-rack, 30-rack
	60pcs, 40pcs, 24pcs, 24pcs
Conical flask No. in bracket	50ml 100ml 200ml 250ml 500ml
	24pcs, 15pcs, 6pcs, 6pcs, 6pcs

HMS Series of Shakers



HMS-300 High-speed shaker



HMS-310 Digital shaker

HMS-320 Slow-speed shaker

HMS-320T Slow-speed heating shaker

Model	Speed range rpm	Power w	Swing mm	Timer range min	Temp. stable °C	Max. Load kg	Outside size mm
HMS-300	0-3000	40w	3	0-60	—	4	180×160×160
HMS-310	0-400	50W	24	0-100	—	6	300×235×150
HMS-320	0-400	60W	24	0-60	—	8.5	400×420×150
HMS-320T	0-400	60W	24	0-60	Ambient+5 °C-50°C	15	400×420×570
HMS-330	0-140	40W	22-50	0-30	—	8	380x380x120
HMS-340	25-300	40W	0-40	0-60	—	7	360x300x200
HMS-350	3000	40W	3	—	—	3.7	140x150x178

WATER BATH

WB Series of Water Bath



WB-1010A



WB-5100



WB-2010A



WB-3100

Specifications

Model	Heating power (W)	Capacity (L)	Inner size (mm)	Outside size (mm)
WB-3100	240	3	235x135x100	265x100x240
WB-5100	350	5	300x150x150	320x175x260
WB-1010A	550	10	300x250x150	320x280x260
WB-2010A	1100	20	490x295x150	500x300x300

HWT Series of Water Bath



	HWT-2A	HWT-6A	HWT-6B	HWT-10A	HWT-10B	HWT-20A
Heating volume	2L	6L		10L		20L
Temp. accuracy	$\pm 1^{\circ}\text{C}$					$\pm 0.5^{\circ}\text{C}$
Temp. range	Ambient ---- 99°C					
Temp. control mode	Digital	Digital	Temp-control	Digital	Temp-control	Digital
Inside size (mm)	300x150x150		300x250x150		500x300x150	
Power	200W		300W		800W	
Weight (kg)	5		9		18	

Accessory

