

CHILLER

This bench-top chiller is available ready assembled with the thermostat mounted on the refrigerator and supplied with insulated tubing and clips to form a system ready to use.

The system comprises the following:

- 5 litre tank with drain tap
- relay control for refrigeration on/off
- cooling power 140W @ 0°C
- temperature range -20 to 100°C

The immersion thermostat incorporates Intelligent Control Optimisation for adaptive intelligent PID temperature control and includes a powerful integral pump, making the system suitable both for immersing samples and circulating temperature controlled fluid to external devices. It includes a convenient timer function for reaction timing and a variable high temperature alarm setting. The temperature range and heater power are automatically limited according to the liquid type selected. A simple-to-use rotor dial plus two keys provide access to the interactive interface for fast, accurate set-up.

The unit is supported by a 3 year warranty to reflect the reliability.



- CLEAR 4-DIGIT DISPLAY - EASY TO READ FROM A DISTANCE
- VISUAL AND AUDIBLE ALARM
- POWERFUL INTEGRAL PUMP
- COOLING/HEATING RANGE: -25 TO 100°C
- USER CALIBRATION FACILITY

Technical Specifications

TEMPERATURE RANGE	-25 TO 100°C
STABILITY (WATER @ 10°C)	± 0.1°C
UNIFORMITY (WATER @ 10°C)	± 0.1°C
SETTING RESOLUTION	0.1°C
DISPLAY	4 DIGIT LED
TIMER FUNCTION	1 MIN TO 99 HRS 59 MINS
PUMP FLOW RATE	17 L/MIN (MAX.)
NO. STORED TEMP. VALUES	3
SAFETY OVERTEMPERATURE	ADJUSTABLE CUT-OUT
HEATER POWER 230 V	1.3 kW
HEIGHT ABOVE TANK RIM	200MM
DEPTH BELOW TANK RIM	135MM

MBI peristaltic pumps

Available in single, dual and tetrad formats these versatile peristaltic pumps are an ideal accessory for gradient gel formation with the MBIVS20-DGGE. The 'easy load' head of the MBIMU-D01 single peristaltic pump accommodates multiple tubes of different diameters offering the user enhanced flexibility in flow rate selection, while the MBIMU-D02 single pump has the added benefit of a more powerful pump motor. The MBIMFU-01 and MBIMFU-02 dual and tetrad pumps are equipped with microprocessor technology for more accurate rpm control, and comprise 2 and 4 peristaltic pumps respectively that may be controlled individually. All 4 pumps are reversible and have a small footprint, occupying minimum space within the laboratory. Other applications include: filtration, sampling, chemical spraying, dispensing, transferring, feeding and filling.



- AVAILABLE IN SINGLE, DUAL AND TETRAD
- ALL PUMPS ARE REVERSIBLE

Technical Specifications

	PP01	PP11	PP02	PP12
NO. OF HEADS	1	1	2	4
MAX. RPM:	300	600	100	100
FLOW RATE, : 1.2-1140 0.3-2280 0.6-380 0.6-380 ML/MIN				
DIMENSIONS: 20x34x13 (HxLxW)		26.5x34x18		
WEIGHT, KG:	5.7	5.7	5.7	5.7

ORDERING INFORMATION

MBIMU-D01	Single Peristaltic Pump	MBIMU-S16	Silicon tube I.D. 1/8", 25 ft
MBIMU-D02	Single Peristaltic Pump	MBIMU-S18	Silicon tube I.D. 3/8", 25 ft
MBIMFU-01	Dual Peristaltic Pump	MBIMU-S25	Silicon tube I.D. 3/16", 25 ft
MBIMFU-02	Tetrad Peristaltic Pump	MBIMU-S13	Silicon tube I.D. 1/32", 25 ft
MBIMU-S14	Silicon tube I.D. 1/16", 25 ft	MBIMU-S17	Silicon tube I.D. 1/4", 25 ft