CH-100, Heating/Cooling Dry Block

Medical–Biological Research & Technologies

DESCRIPTION

CH-100 is the result of combining two popular Biosan instruments:

1. Heating Dry block and
2. Cooling Dry block thermostat

The combined construction of aluminium block and Peltier element module cooled with the forced ventilation radiator provides fast changing of the cooling and heating modes.

CH-100 is a very effective instrument of sample preparation during enzyme reactions, hybridization reactions, DNA analysis.

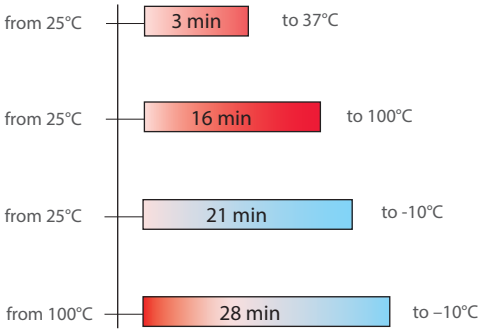
Microprocessor controlled time and temperature. Simultaneous indication of set and actual temperature and time.

Basic Plus
Product Class

SPECIFICATIONS

Temperature setting range	–10°C ... +100°C
Temperature control range	30°C below ambient ...+100°C
Temperature setting resolution	0.1°C
Temperature stability	±0.1°C
Temperature uniformity @ +37°C	±0.1°C
Temperature calibration coefficient range	0.936 – 1.063 (± 0.063)
Digital time setting	1 min – 96 hrs / non–stop (increment 1 min)
Display	LCD, 2×16 signs
Overall dimensions (W×D×H)	240×260×165 mm
Weight	3.2 kg
Input current/power consumption	12 V, 4.4 A / 55 W
External power supply	Input AC 100–240 V 50/60 Hz; Output DC 12 V

HEAT UP AND COOL DOWN TIMES FOR CH-100



BLOCKS (BUILT IN) CAPACITY:

Block **CH-1**	20×0.5 ml + 12×1.5 ml microtubes
Block **CH-2**	20×1.5 ml microtubes
Block **CH-3**	20×2 ml microtubes

ORDERING INFORMATION:

	Cat. number
CH-100 with block **CH-1**	BS-010410-BAI
CH-100 with block **CH-2**	BS-010410-CAI
CH-100 with block **CH-3**	BS-010410-UAI

Ice on block CH-2