

CH-100, Heating/Cooling Dry Block

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.

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
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

Blocks* 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

* — the blocks are built-in

Catalogue 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



Heat up and cool down times for CH-100

