CH-100, Heating/Cooling Dry Block

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.

Blocks (built in) capacity:
1) with **CH-1** block for 20 x 0.5 ml + 12 x 1.5 ml microtubes;
2) with **CH-2** block for 20 x 1.5 ml microtubes;
3) with **CH-3** block for 20 x 2 ml microtubes.

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 at +37°C	±0.25°C
Temperature calibration coefficient range	0.936...1.063 (± 0.063)
Digital time setting	1 min−96 hrs / non−stop (increment 1 min)
Timer sound signal	+
Display	LCD, 2x16 signs
Overall dimensions (W×D×H)	240x260x165 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

CAT. NUMBER

With block CH-1	With block CH-1
BS-010410-BAI	230VAC 50/60Hz Euro plug
BS-010410-BAQ	230VAC 50/60Hz UK plug
BS-010410-BA4	230VAC 50/60Hz AU plug
BS-010410-BAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
With block CH-2	With block CH-2
BS-010410-CAI	230VAC 50/60Hz Euro plug
BS-010410-CAQ	230VAC 50/60Hz UK plug
BS-010410-CA4	230VAC 50/60Hz AU plug
BS-010410-CAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
With block CH-3	With block CH-3
BS-010410-UAI	230VAC 50/60Hz Euro plug
BS-010410-UAQ	230VAC 50/60Hz UK plug
BS-010410-UA4	230VAC 50/60Hz AU plug
BS-010410-UAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
BS-010410-AK	IQ OQ document
BS-010410-BK	PQ document