

Chilling/Heating Dry Bath IC 20 / IC 25 (programmable)

Chill and heat biological samples from -10°C to 100°C (without sample block) with precise control, even at ambient temperature, in your lab or in the field on a compact, versatile and inexpensive electronic chilling/heating dry bath.

A sample cover is available for 96-well assay plates and aluminum blocks that will hold centrifuge tubes or other samples. These blocks are available as accessories.

Features

- Energy-efficient Peltier design
- Digital control to 1°C from -10–100°C w/o sample block
- Readability: 1°C
- Control at ambient
- Count down timer (up to 30 days) with alarm and user settable Auto-Off
- RS232 I/O port for control and data collection
- Built-in data logger
- Electronic calibration. User can reset to any local standard
- Small, compact size uses very little bench space
- Field operation using cigarette lighter jack in any car or truck
- 12-volt DC operation. Requires no agency safety approvals
- External power supply provided is UL, CSA and CE approved

Applications:

- Maintaining 14°C for ligation reactions
- Enzyme reactions and deactivations
- Maintaining 17°C for storing oocytes
- Hybridizations
- PCR sample preparation
- Chilling 15, 50, 250, and 500ml centrifuge tubes to 4°C for storing reagents
- Storing samples at ice bucket temperatures
- Incubate samples in 96-well assay plates, or in aluminum blocks holding 0.2 ml, 0.5 ml or 1.5 ml centrifuge tubes
- Transporting samples from the field at exactly the right temperature
- Chilling or heating samples in the field
- Freezing and storing most any small sample at your workstation
- General molecular biology applications
- Modell IC 25 is fully programmable



Dimensions

Chilling/Heating Module (W x D x H): 16.5 x 22.3 x 8.9 cm
 Power Supply (W x D x H): 16.5 x 5.6 x 8.1 cm
 Weight: 2,9 (IC 20), 3,9 kg (IC 25)

Part numbers:

IC 20: 104.0001
 IC 25: 104.0002