

BioTherm™ transportable incubators are designed to maintain live cell cultures, gametes and tissues at appropriate metabolic temperatures. BioTherm incubators provide both excellent temperature uniformity, ensuring less than 0.05°C temperature variation between specimens, and high thermal stability giving less than 0.05°C overall temperature fluctuation. The heating element provides distributed heating and has been designed to maximize temperature stability. Distributed temperature sensing ensures the whole block rapidly reaches uniform temperature. Incubators are fully insulated to minimize heat loss. Ideal for applications requiring portable temperature control within the range of 32.5°C to 40.0°C.

With a choice of fixed or removable warming blocks these transportable incubators provide cost effective solutions to suit a wide variety of on- and off-site sampling requirements.

Versatility you can build on- Performance you can count on

FEATURES

- Simple and easy to use
- Compact and light weight for easy transport
- Rugged construction
- Holding time greater than 30 hours
- Engineered to provide an even temperature distribution and rapid heating
- Electronic control to monitor and precisely regulate temperature
- Select from a range of fixed cores or removable blocks

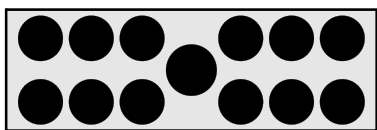


FIXED CORE INC-12V



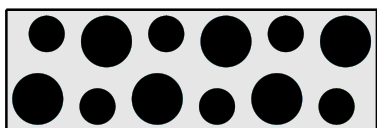
REMOVABLE BLOCK INC-RB1

STANDARD BLOCKS & CORES



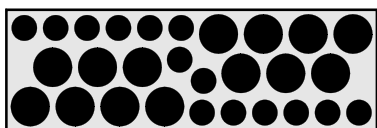
A12-1

12 Microtubes (15mm Ø x 94mm)
1 x 14ml or 15ml Tube (17mm Ø x 98mm)



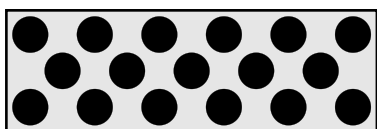
F6/6

6 x 14ml or 15ml Tubes (17mm Ø x 96mm)
6 x 5ml or 6ml Tubes (12mm Ø x 63mm)



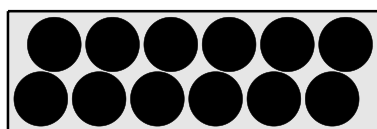
L14/14

14 x 1.8ml Cryovials (13mm Ø x 34mm)
14 x Auto-sample Tubes (8.5mm Ø x 98mm)



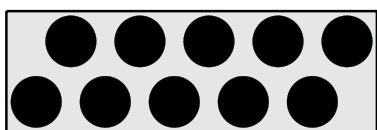
G17

17 x 5ml or 6ml Tubes (12mm Ø x 63mm)



V12

12 x 10ml Tubes (16mm Ø x 92mm)



E10

10 x 14ml or 15ml Tubes (17mm Ø x 96mm)



SC 8/1

8 x 5ml or 6ml Tubes (12mm Ø x 63mm)
1 x 14ml or 15ml Tube (15mm Ø x 97mm)
1 x Cassette Slot (136mm x 94mm x 13mm)



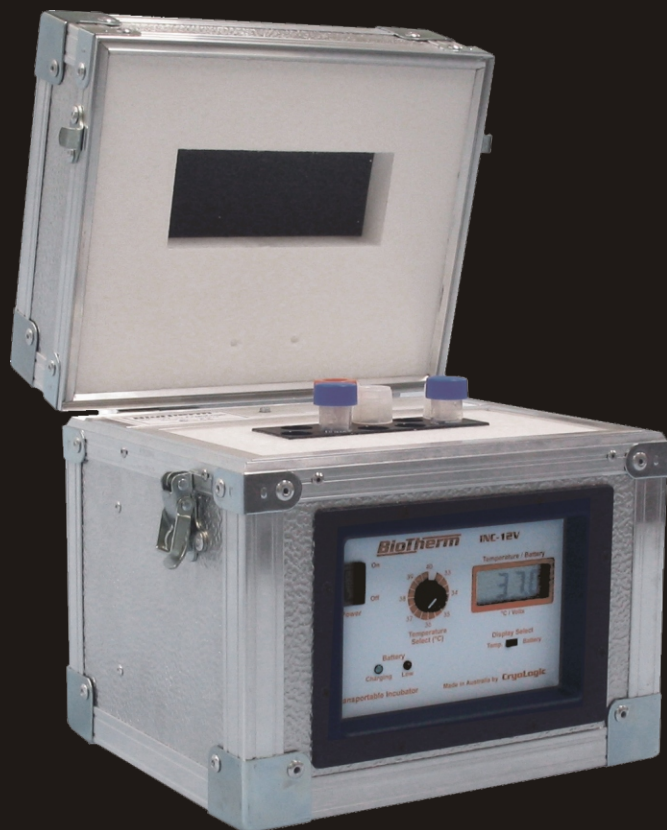
STRAW CASSETTE

50 x 0.50ml or
100 x 0.25ml Straws

Specimen tubes of various dimensions to suit most applications can be accommodated in the thermally conductive blocks.

The Biotherm™ INC-RB1 is supplied with two blocks as standard. Currently, six block models are available to choose from. Custom Blocks can also be made. These can be removed by the user to clean or interchange.

The same range of block styles are available as fixed cores in the Biotherm™ INC-12V. In addition, a straw cassette is available with a fixed core as shown.



Specifications

12V / RB-1

Selectable Temperature Range:	32.5°C to 40.0°C
Temperature Steps:	0.5°C
Holding Time:	> 30 hours at 40°C, battery fully charged
Thermal Fuse Trip Point:	55°C
Batteries:	2 x 6V x 4Ah, sealed lead acid
Battery Dimensions:	Typical 70x46x105 (WxDxH) mm
External Dimensions:	275 x 212 x 258 (WxDxH) mm
Weight:	6kg (including batteries)