

PRODUCT INFORMATION

Model: RPBB0006/PACK

Type: Labcold Portable Digital Transporter with Monitoring Pack

A combined portable digital transporter and monitoring package.



Pack comprises:

- Labcold Portable Digital Transporter
- Removable wire-mesh basket
- Carry Strap
- Internal insulating lid
- Transport and Temperature Logger
- Logger Reader (RS232 or USB)
- Logger Software
- Power leads x 2 (240 volt mains, 12 volt car accessory socket)
- Calibration certificates for refrigerator display and logger

Please refer to the attached datasheets for individual product specifications.

Order reference: RPBB 0006/PACK

PRODUCT INFORMATION

Model: RPBB0006

Type: Labcold Portable Digital Transporter

For the temperature controlled transport, and short-term holding of samples and specimens at a fixed temperature of $4^{\circ}\text{C} \pm 2$.



Capacity: 12 litres

Weight: 6.8kg

Construction: Fully moulded plastic exterior, aluminium interior

Exterior dimensions (mm): 290H x 415W x 285D

Interior dimensions (mm): 200H x 335W x 160D

230 volt A.C. and 12 volt D.C. operation (cables supplied)

Features:

Digital temperature display

Solid state refrigeration system

CFC, HCFC, and ammonia free

Temperature: $4^{\circ}\text{C} \pm 2$ (in 30°C ambient)

Removable wire-mesh basket

Carry strap and internal lid supplied

Order reference: RPBB 0006

PRODUCT INFORMATION

Model: RMBL1510; RMBL1510/CAL (with calibration certificate)

Type: Labcold Transport Temperature Logger

A simple, robust, stand-alone temperature logger with particular application to temperature controlled transport applications. Each logger has red and green LEDs for local indication of status. The enclosure is sealed and left intentionally blank to reduce likelihood of theft.



Logger Technical Specification:

Temperature measurement range: -30 to +70°C
Accuracy: +/- 0.5°C (at 20°C)
Power source: Internal battery
Battery life: approx 4 years
Max readings: 16384
Stop when full: yes
IP rating: 68 (water-tight, no crevices or sockets)
Alarms: 2 LEDs showing either green (OK) or red (out of range readings recorded)
Dimensions (mm): 117 x 57 x 10; Weight: 54g
Material of construction: food grade polystyrene

Operation

Each logger is pre-programmed by the operator with details of the load to be monitored, frequency of logging, alarm thresholds, and any desired time delay before alarm is triggered. The logger, pre-cooled to the correct temperature if desired, is then buried within the load to be monitored. Data are recorded at the defined intervals and all the time the temperature remains within the set temperature range the green LED continues to flash. If an out-of-range reading is recorded then, instead, a red LED flashes. The frequency of LED flashing is user adjustable during programming. At the end of the journey, or logging period, the data downloaded is by wire-free connection using the Labcold reader and software, and can be viewed, printed or stored in tabular or graphic format on a suitable PC.

Labcold reader (RMBR1500) and software (RMBW0001) are needed for programming and operation of this logger.

Order reference: RMBL1510; RMBL1510/CAL (with calibration certificate)

PRODUCT INFORMATION

Model: RMBR1500U(USB)

Type: Labcold Transport Temperature Logger Reader

Reader for use in conjunction with Labcold model RMBL1510 Transport Temperature Logger and Labcold software RMBW0001.



Reader Technical Specification:

Power source: 100 – 240 volt A.C. (to separate plug-top power supply)

Power supply: 12 volt DC (cable length approx 2 m)

PC connectivity: USB or RS232 protocols (cable length approx 1 m)

Dimensions (mm): 145 x 90 x 30

Operation

Loggers are rested on the reader as indicated by the outline on the reader. Data interchange, and programming instruction is by wireless interface.

Software RMBW0001 also required, together with a PC using, 2000, ME or XP (for users of other platforms please contact Labcold)

Order reference: RMBR1500U (USB connection)