

SMART THERMAL BOX

PORTABLE SMART REFRIGERATOR



The evolution of transport and conservation of vaccines, blood, medicines, organs and tissues. An innovative product with the original Biotecno DNA, award-winning technology in Brazil and abroad.

**IDEAL FOR
TRANSPORTATION
AND CONSERVATION
OF VACCINES, BLOOD,
MEDICINES, ORGANS
AND TISSUES.**



Conserving Life

The Smart Thermal Box Biotecno replaces the polystyrene (Styrofoam) thermal boxes that use recyclable ice to maintain the temperature, which requires a time-consuming and expensive technique to prepare the system.



SMART THERMAL BOX BT 1100/20 15 liters



2° to 8°C
2° to 6°C (blood)



ERGONOMIC TRANSPORT

SMART THERMAL BOX BT 1100/20 30 liters



12 VCC VEHICLE



110/220V AUTOMATIC

MODEL	CAPACITY	H x W x D	PESO
BT 1100/20	15 liters	57x45x40cm	17 kg
BT 1100/50	30 liters	56x63x37cm	24 kg

DESCRIPTION

CABINET

Thermoplastic material.

TEMPERATURE HOMOGENIZER

The forced-air circulation ensure perfect homogenization of the temperature at all points inside the equipment. It shuts down when the door is opened.

WORKING RANGE

Minimum of 2°C and maximum of 8°C (or 6°C for storage of blood and its components), with set point at 4°C, or adjustable by user, with a variation of + -0.1°C.

AUDIOVISUAL ALARMS

Temperature below 2°C, temperature above 8°C (or 6°C for storage of blood and its components), or adjustable by user. Alarms for electric power cut, open door, inhibit key to silence the buzzer for 15 minutes, or adjustable by user. Equipped with alarm simulator.

MANAGEMENT SOFTWARE

Real time follow-up, access to charts and reports remotely via mobile application, including retroactive data, allowing

management of the refrigerator via Internet with RS232/485/DB-25 serial output.

EMERGENCY SYSTEM

It operates through a 12 volts (cc) to 110/220 volts (ac) converter, supporting all the electro-electronic voltages, including the cold compressor for 2 hours*.

*Emergency System autonomy can vary due to the ambient temperature and battery conditions.

OPERATION

100/240 VOLTS 50/60 Hz (automatic) and 12 VDC (vehicular).

CASTERS

Castors and retractable handle type.

ANVISA BRAZIL
80573310001.

PATENTED PRODUCT.

ATTENTION

Panel and display configurations may vary depending on equipment features. Merely illustrative images. Equipment design may change without notice.

OPTIONAL ITEMS



CUSTOM STICKERS

With the logo of the establishment and the image to be chosen by the customer.



TCP / IP COMMUNICATION INTERFACE

Ethernet communication data converter (internet or intranet). Interface that allows Biotecno cameras to connect to networked computers. Through the IP address of the converter it is possible to access and manage the equipment in local network through the Internet.



SATELLITE TRACKER

Monitor the geographical positioning and temperature of the equipment.



CALIBRATION CERTIFICATE

Temperature controller certification for proof of measurement uncertainty (IM, errors, trends, etc.), calibrated at three points, together with INMETRO (RBC) proven traceability.

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Refrigeradores e Freezers Científicos

Conserving Life