

TRANSPORTABLE

FRIDGES

Vaccine Refrigeration Carrier

MAIN FEATURES

- **Simply plug into vehicle cigarette lighter for maximum performance**
- Free-Piston Stirling Cooler (FPSC) Cooling System (see panel below).
- Light weight. Product weight 16kg (without accessories). Lighter and more compact than regular Rankine Compressor Products.
- Temperature control $4^{\circ}\text{C}\pm 2\text{K}$.
- Big temperature read-out (LED).
- Minimum and maximum temperature memory.
- Warning alarm - beeping sound and flashing LED read-out.
- Optional printer available for recording of temperature.



FREE PISTON STIRLING COOLER

A NEW GENERATION COOLING SYSTEM.

This revolutionary cooling system is used in the Rollex Twinbird Vaccine Refrigeration Carriers offering:

- High efficiency and deep temperature
- Light weight and compact size
- Energy saving
- Cooling capacity control
- Environmentally friendly

Fig 3. FPSC Section

PATENTED

SPECIFICATIONS: Vaccine Carrier

- Temp. Control: $4^{\circ}\text{C}\pm 2\text{K}$.
- Temp. Indicator: Indicates internal temperature by LED. Maximum and minimum temperature can be memorized and can be shown.
- Size: W695xD350xH460 (mm).
- Inside dimensions: W335xD225xH340 (mm).
- Internal capacity: 25L
- Weight: 16kg (without accessories).
- Power source: DC12V car connection (optional 240V with AC adaptor).
- Power consumption: Maximum of 48 VA. in 30°C ambient, power consumption at steady state is 20VA.
- Cooling system: FPSC.
- Inside Baskets (2): Provided to prevent vaccine freezing by contact with the inner wall.
- Alarm: To alert the user in the event that the storage temperature has exceeded the minimum control specification.
- Power cord: DC12V plug cord.
- Noise: Less than 40db(A) at 1m.