Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Solar Direct Drive Refrigerator

Product Code :

SLE/CCE/02



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Solar Direct Drive Refrigerator (Product Code: SLE/CCE/02) is a large-capacity solar direct drive (SDD) vaccine refrigerator used to store vaccines at district stores, hospitals and health centres where mains power is absent or unreliable. It offers 220 litres of net vaccine storage and comes with an integrated Remote Temperature Monitoring Device (RTMD) that sends data over mobile networks and raises SMS alerts. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Complete stand-alone SDD refrigerator with all necessary components and fittings (plug and play)
Net vaccine storage volume	220 litres
Freeze protection	Grade A
Refrigerant	R600a
Ambient operating temperature	Min. +5°C, max. +43°C
Solar power system	Matched to the refrigerator's power consumption, climate and ambient temperatures, with a solar radiation reference of 3.5 kWh/m² per 24 hours
Remote temperature monitoring	Integrated RTMD; online web portal (in English) for data analysis, reporting and system setup, and data transfer via mobile networks with SMS alerts, for the duration of the subscription
Connectivity	Global/international SIM card operable with the mobile networks, frequency bands and APN settings of the receiving country
Data protection	Stored, transmitted and processed data, web portal profiles and server access protected with security measures
Power switch	User-accessible ON/OFF switch that isolates the refrigerator from the solar power system
Accessories	10 fuses of each type; lid with lock plus 2 keys; 6 baskets; compass
Manuals	User, installation and technician's manuals in English
Product code	SLE/CCE/02
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a 220 Litre Solar Vaccine Refrigerator Used For?

Larger facilities that hold stock for several clinics need a cold store that keeps running without the grid a
vacci and
trigge visit.
Six b le.