



PASSIVE COLD BOX



Quality, Management, Environment, Health & Safety Standards



CDSCO MD 5 License



USFDA Listed



European CE



ISO 9001:2015
IAF



ISO 13485:2016
NABCB/IAF



ISO 45001 : 2018
IAF



7 Electric Safety Certifications
IEC 60335-1 and IEC 60335-2-24, IEC 61010-1,
IEC 61010-2-020 and 61010-2-101, IEC 61326-1,
IEC 61326-2-6.

INTRODUCTION

The MarkEn Cold Box is an advanced solution designed to ensure the safe transportation of vaccines and other temperature-sensitive items during immunization programs and healthcare outreach activities. Engineered for extended temperature retention, unmatched durability, and superior portability, this cold box is optimized to protect critical vaccines even over long-distance journeys.

The MarkEn Cold Box adheres to the highest standards of quality and performance, making it an ideal choice for immunization programs, field deployments, and healthcare services operating in remote areas.



KEY FEATURES

EXTENDED TEMPERATURE RETENTION



Advanced CFC-free Polyurethane insulation maintains optimal internal temperatures, ensuring vaccine efficacy during extended transportation.



High thermal efficiency minimizes temperature fluctuations, offering consistent protection.

COMPACT AND PORTABLE DESIGN



Lightweight and easily transportable for use in field immunization activities.



Compact size ensures it fits in tight spaces without compromising on storage capacity.



Provides ample storage space for vaccines and other sensitive items while maintaining a small form factor.

DURABLE AND ROBUST CONSTRUCTION



Built with Linear Low-Density Polyethylene (LLDPE) for both internal and external surfaces, ensuring high impact resistance.



Designed to endure wear and tear during prolonged use, maintaining structural integrity even under harsh conditions.



Resistant to extreme temperatures, moisture, and external damage, enhancing product longevity.

SECURE AND CONVENIENT HANDLING



Equipped with a secure closure mechanism and an integral hinged lid with a stopper, providing a reliable seal to prevent contamination.



Ergonomically built-in handles allow for safe, efficient handling and easy portability.



Easy to clean and maintain, ensuring hygienic storage.

STACKABLE DESIGN FOR EASY STORAGE



Stackable configuration facilitates efficient use of storage space when multiple units are required.



Enables organized and space-saving transport during large-scale immunization operations.

COLLISION-RESISTANT LOCKS FOR ENHANCED SECURITY



Embedded collision-resistant locks safeguard the contents from external impacts.



Locking system remains unaffected by bumps or impacts, ensuring the protection of temperature-sensitive items.

TECHNICAL SPECIFICATION

Make	MarkEn
Temperature Display (Optional)	Solar Digital Display
Hold Over Time	4 to 6 Hr
External/Internal Material	LLDPE
Insulation Material	CFC-free Polyurethane
Insulation Thickness	60-127 mm
Lock Mechanism	Embedded inside wall, impact-resistant

CAPACITY

5 L
6 L
10.5 L
15 L
20 L
23.7 L

ALL-IN-ONE SOLUTION FOR

Cold Chain Solution
Medical Equipment
Blood Bank Equipment

Hospital & Scientific Equipment
Hospital Furniture & Infrastructure
Commercial Refrigeration



25+

Years of Excellence



400+

Product Range



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

CERTIFICATION



10 products tested by a WHO-PQS accredited laboratory



ISO 14001: IAF



WHO GMP



BIFMA Certified, BIFMA Level 3



ASTM- Corrosion Free Products



ISO 2409



& MANY OTHER...

OUR ESTEEMED CUSTOMERS



& MANY MORE...



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