



BITO
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PharmaBOX

**High-performance box ensures
temperature-controlled shipping**

**CUSTOMIZABLE
AND SAFE!**

Safe storage and temperature-controlled shipping throughout the medical and pharmaceutical supply chain is vital to the success of treatments.

This is why great care must be taken when it comes to replenishing the stocks of hospitals, physicians and pharmacies with healthcare and pharmaceutical products.

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PharmaBOX

Safe and temperature-controlled last mile delivery

We have developed a passive cold chain packaging solution based on our successful MB distribution container range.

This solution enables safe shipping of temperature-sensitive goods (including vaccines and medicines) over long periods of time of up to 80 hours during which a specified temperature is held.





PCM cool pack

The clever interior design prevents that shipping goods are in direct contact with the cool packs. This preserves the quality of the goods and prevents freeze damage. The insulating box insert keeps in-box temperatures within the specified range. The box insert can be cleaned after use and reused multiple times.

Bin size	Volume	Number of PCMs	Temperature range	Duration
400x300mm	4L	4 (1x PCM set)	2-8°C	43h (ISTA 7E)
600x400mm	15L	8 (2x PCM set)	2-8°C	37h (ISTA 7E)
600x400mm	15L	12 (3x PCM set)	2-8°C	48h (ISTA 7E)
600x400mm	15L	16 (4x PCM set)	2-8°C	80h (ISTA 7E)

Prices and other temperature ranges on request.



Choose the perfect solution for your application !

The overview below shows which features can be combined to suit your requirements. The modular system consists of the following components:

		Bin Cool pack	Bin Cool pack Tracking technology	Tracking technology	Bin Cool pack Tracking technology no lock	Bin Tracking technology no lock	Bin Tracking technology with lock	Complete Set
Options								
Bin		X	X		X	X	X	X
Cool pack		X	X		X			X
SmartHub			(X)	X			X	X
SmartBeacon			X	X	X	X	X	X
Cloud/App			X	X	X	X	X	X
SmartHub			(X)	X			X	X





Our smart bin technology solution features:



Smart lock

Robust and customizable
RFID / NFC access control & geo-fencing capability
Audible & visual alarm system



Smart connection

Tracking in 170 countries via GSM
Connects up to 50 BLE beacons
RFID reader for scanning goods



Technical specification

Battery life up to 90 days
Smart charging in power tower
Multifunctional display



Smart Beacon

Beacon (status signal):
Temperature, humidity,
shock, geoposition



GDP & CFR Part 11

Compliance with FDA 21 CFR Part 11 & GDP



Sustainability

Multi-trip containers make
a positive contribution
to sustainability

Benefits of the BITO MB Pharmabox

The BITO Pharmabox MB is a **new passive cold chain shipping solution** that is **cost efficient and climate friendly** at the same time.

It keeps shipping goods at a **specified temperature over long periods of time**, no matter whether outside temperatures are hot or cold.

Digital. Smart. Safe.

Taking pharmaceutical logistics
to the next level.

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BITO LAGERTEKNIK A/S

Agerhatten 16C, Indg. 4
DK-5220 Odense SØ
Tel.: +45 70 21 51 51
Fax: +45 65 90 52 41
info@bito.dk
www.bito.com

BITO LAGERSYSTEM

Florettgatan 29c
SE-254 67 Helsingborg
Tel.: +46 (0) 42 151 910
info@bito.se
www.bito.com

BITO VARASTOTEKNIikka

Äyritie 12 B
FI-01510 Vantaa
Tel.: +358 10 324 6510
info@bito.fi
www.bito.com

REOLTEKNIKK AS

Hellenvegen 22
NO-2022 Gjerdrum
Tel.: +47 6393 5200
post@reolteknikk.no
www.reolteknikk.no