COLD CHAIN SOLUTION & NEW TECHNOLOGY FOR THE SHIPMENT OF PHARMACEUTICAL PRODUCTS AND VACCINES

WAREHOUSE & LOGISTICS

PHARMA 1 HUMANITAS
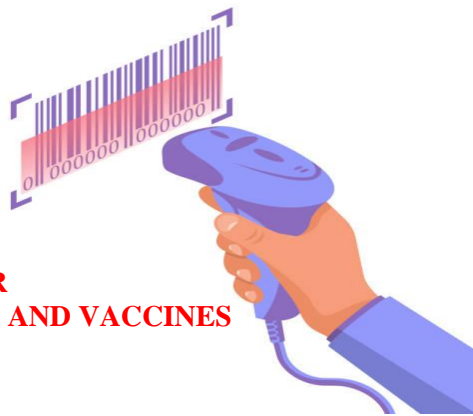
THE BEST SOLUTIONS FOR YOUR WAREHOUSE PHYSICAL and ONLINE STORE

TRADITIONAL STORE & WAREHOUSE

WASTE OF TIME TO FIND CATALOGUE GOODS IN THE WAREHOUSE AND IN THE STORE

1 day

1 day

1-2 days

2-3 days
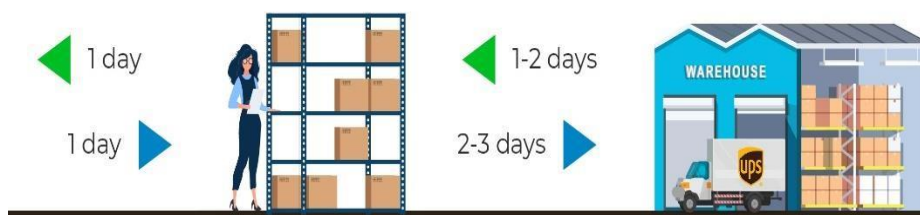
WAREHOUSE

SMART STORE 4.0

OPTIMIZATION OF TIMES and COSTS OF THE WORK FORCE.COLD CHAIN PHARMACEUTICAL!

Backroom notified

Restocked in minutes

Back Room

Goods Automatically Received

Local Distribution

WAREHOUSE

WAREHOUSE

www.pharma1humanitas.com pharma1humanitas@gmail.com

SMART PHARMACY

Manage medicines by classifying them in the warehouse
with precision and speed, making the process of both inventory and replenishment preparation of the public side of the retail store or e-commerce more efficient and flexible.
It is possible to locate the item of clothing in the exact location of the warehouse in such a way as to increase the service offered to its customers, speeding up the classification of inventories and reordering of products online or in the physical store.
From a security point of view, it increases control and therefore reduces losses resulting from theft.

- ✓ DECREASE IN WORKFORCE COSTS
- ✓ INCREASE IN THE NUMBER OF SALES THROUGH THE INTERACTION OF PHYSICAL STORE, E-COMMERCE AND WAREHOUSE.
- ✓ REDUCTION OF PREPARATION ERRORS RELATING TO ORDERS AND SHIPPING
- ✓ OPTIMIZATION OF TIMES IN CATALOGING

WE PROVIDE CONSULTANCY FOR CONSTRUCTION PHARMACEUTICAL WAREHOUSE OR MERGER & ACQUISITION
A PHARMACY STORES.

www.pharma1humanitas.com   pharma1humanitas@gmail.com

SMART PHARMACY
ROBOTIC SOLUTION INVENTORY

SMART PHARMACY 4.0

SMART INVENTORY-ROBOTIC SOLUTION

- OPTIMIZATION OF WORKING TIMES
- OPTIMIZATION OF WORKFORCE COSTS
- EASILY FIND AND RETRACE ROUTES
- CLASSIFY AND CATALOG PRODUCTS WITH PRECISION
- LOCATE THE EXACT POSITION OF THE PRODUCT
- RECEIVE TAILORED ADVICE AND REPORTS
- RECREATE ANALYSIS AND CUSTOMIZATION MODELS OF TYPICAL WEB PATHS IN PHYSICAL ENVIRONMENTS

Unique, remote and wireless identification of products thanks to radio frequency devices.

These electronic devices capable of generating specific frequencies that are propagated in the air through special antennas.

MODERNIZE THE MANAGEMENT OF YOUR:
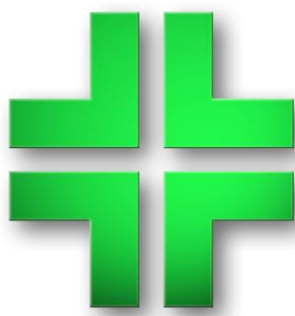
WAREHOUSE PHYSICAL STORE

ONLINE SHOP

www.pharma1humanitas.com pharma1humanitas@gmail.com

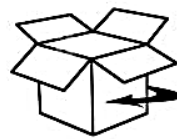# SOFTWARE FOR E-COMMERCE & INVENTORY THE DEPARTMENT STORE OF PHARMACY

WE ARE WORKING TO IMPROVE OUR APP TO CONNECT HOSPITALS, DOCTORS, BUYERS, PATIENTS AND PARTNER SUPPLIERS TO SHIP MEDICINES SPEED WITH A SUPER INNOVATIVE APP.
WE PROVIDE CONSULTANCY FOR CONSTRUCTION OR MERGER & ACQUISITION
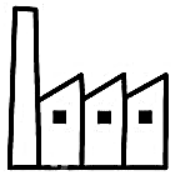OF PHARMACIES STORES.
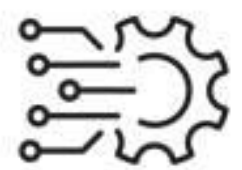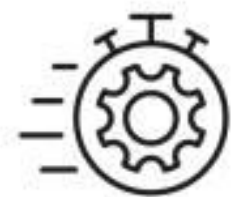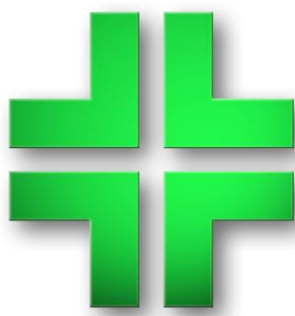
Warehouse   Finish Products   Shipping

Production   Quality Check

TRACEABILITY OF THE MEDICINES

Inventory Management Workflow

Warehouse → Finish Products → Shipping
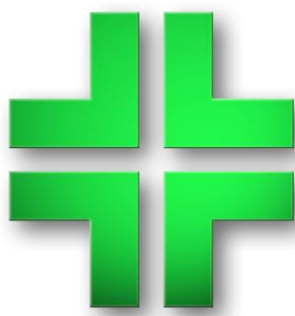
Production → Quality Check

THE SUPPLY OF PHARMACEUTICAL ITEMS HELD IN RESERVE TO SATISFY FUTURE DEMAND IS REFERRED TO AS INVENTORY IN PHARMACY OPERATIONS. THE MOST VALUABLE ASSET IN A PHARMACY IS ITS INVENTORY, WHICH IS INCREASING IN VALUE DUE TO THE INCREASING VARIETY AND EXPENSE OF PHARMACEUTICALS. PHARMACY PRACTICE BENEFITS GREATLY FROM EFFECTIVE INVENTORY MANAGEMENT, BOTH FINANCIALLY AND OPERATIONALLY. INVENTORY MANAGEMENT SEEKS TO LOWER CARRYING AND PROCUREMENT COSTS WHILE PRESERVING A SUFFICIENT SUPPLY OF GOODS TO MEET DEMAND FROM PRESCRIBERS AND CUSTOMERS. THE PHARMA 1 HUMANITAS AND OUR PANELS OF EXPERT IS ABLE TO CARRY OUT INNOVATIVE INVENTORY MANAGEMENT TECHNIQUES USED IN PHARMACY PRACTICE.MODERN DIGITAL TECHNOLOGIES ARE CONTRIBUTING TO THE INCREASED SECURITY, ECONOMY, AND EFFICIENCY OF INVENTORY MANAGEMENT. A PHARMACY INVENTORY MANAGEMENT SYSTEM IS A DIGITAL TECHNOLOGY CLASSIFICATION TECHNIQUE THAT MANY PHARMACIES USE THESE DAYS TO ASSIST ITS OWNERS MANAGE THEIR INVENTORY AND BUSINESS EXPENSES. THIS MAKES IT A VERY SCALABLE AND FLEXIBLE SOLUTION WITH OUTSTANDING FEATURES, DATA ANALYSIS CAPABILITIES, AND MORE. THANKS SPECIFIC SCANNING EQUIPMENT THAT USE BARCODE LABELS ON PRODUCTS AND SHELVES TO BOLSTER PERIODIC INVENTORY MANAGEMENT PROCESSES. OUR METHODOLOGY ASSISTS IN MAKING BOTH LARGER-SCALE E-PROCUREMENT AND SMART SUPPLY CHAIN.
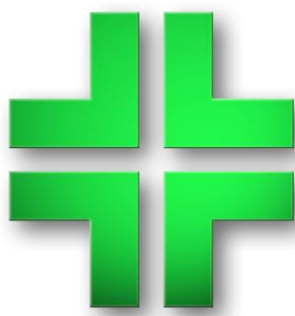
QR-CODE MACHINE READING

FORKLIFT FOR WAREHOUSE

Inventory Management Workflow

Warehouse → Finish Products → Shipping
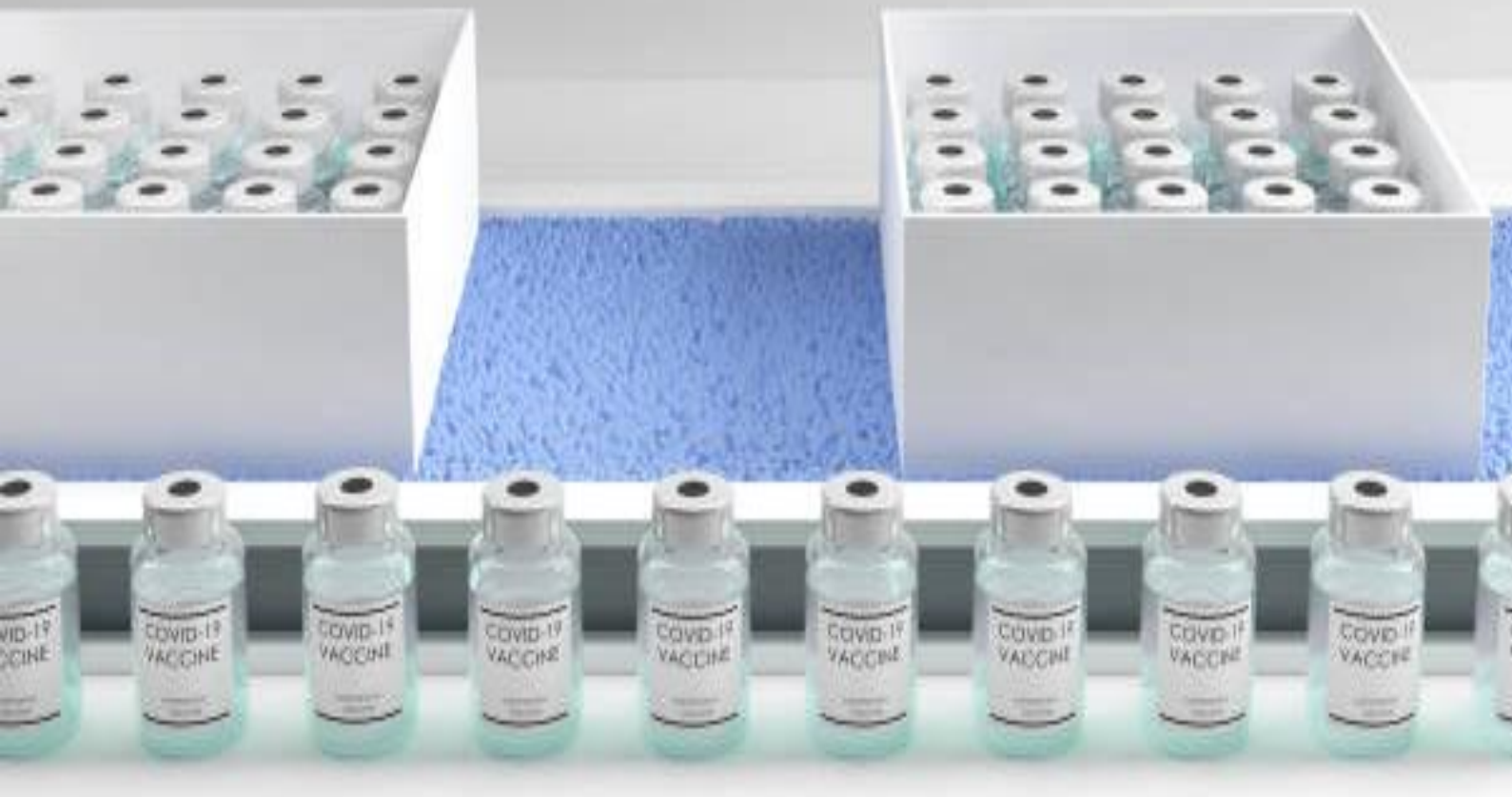
Production → Quality Check

PHARMA 1 HUMANITAS COLD CHAIN SOLUTION

PHARMA 1 HUMANITAS COLD CHAIN SOLUTION

PELI BIOTHERMAL™

PHARMA 1 HUMANITAS
COLD CHAIN SOLUTION FOR
CUSTOMERS SHIPPING.

COOLGUARD ADVANCE

12L

PELI BIOTHERMAL™

PERISHABLE
& FRAGILE

SETTING NEW STANDARDS IN SINGLE-USE SHIPPERS

CoolGuard™ Advance is our range of high-performance single-use shipping systems with phase change materials and vacuum insulated panels. This shipper is designed and tested to ensure maximum protection of valuable payload through use of standardised components with simple, error-free assembly.

WHY CHOOSE COOLGUARD™ ADVANCE?

- Superior temperature stability of 72 - 120+ hours

- High-performance VIP and PCM technology reduces excursions and increases compliance while providing a low total cost of ownership

- Achieves industry leading payload to external volume ratios, reducing storage and distribution costs

- Hibernation can be achieved at any point during transit, resulting in longer temperature compliant shipments

- Quick, simple, and error-free packing process with single-temperature, one size PCM coolants interchangeable between CoolGuard™ Advance and CoolGuard™ PCM ranges

DURATION
72 - 120+ hours

TEMPERATURE

SERIES 4
2°C to 8°C
SERIES 22
15°C to 25°C
SERIES 20M
-20°C

PAYLOAD SIZE
4L, 12L, 28L,
56L, 96L

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COOLGUARD™ ADVANCE PRODUCT SPECIFICATION

	Payload Size	Exterior Dimensions WxDxH		Interior Dimensions WxDxH		Tare Weight	
		mm	inches	mm	inches	kg	lbs
Series 4 2C - 8C / Series 22 15C - 25C	4L	310 x 310 x 312	12.20 x 12.20 x 12.30	152 x 152 x 152	5.98 x 5.98 x 5.98	4	9
	12L	395 x 395 x 395	15.55 x 15.55 x 15.55	230 x 230 x 230	9.06 x 9.06 x 9.06	9	20
	28L	460 x 460 x 470	18.11 x 18.11 x 18.50	297 x 297 x 305	11.69 x 11.69 x 12.01	14	31
	56L	552 x 552 x 558	21.73 x 21.73 x 21.97	381 x 381 x 381	15.00 x 15.00 x 15.00	22	47
	96L	630 x 630 x 636	24.80 x 24.80 x 25.04	457 x 457 x 457	17.99 x 17.99 x 17.99	30	67
Series 20M -20C	4L	310 x 310 x 312	12.20 x 12.20 x 12.30	152 x 152 x 152	5.98 x 5.98 x 5.98	6	13
	12L	395 x 395 x 395	15.55 x 15.55 x 15.55	230 x 230 x 230	9.06 x 9.06 x 9.06	13	28
	28L	460 x 460 x 470	18.11 x 18.11 x 18.50	297 x 297 x 305	11.69 x 11.69 x 12.01	18	41
	56L	552 x 552 x 558	21.73 x 21.73 x 21.97	381 x 381 x 381	15.00 x 15.00 x 15.00	27	60
	96L	630 x 630 x 636	24.80 x 24.80 x 25.04	457 x 457 x 457	17.99 x 17.99 x 17.99	38	84

ADDITIONAL DATA

ISTA 7D Hot
+2°C to +8°C for 84:10hrs+

ISTA 7D Hot
+15°C to +25°C for 120hrs+
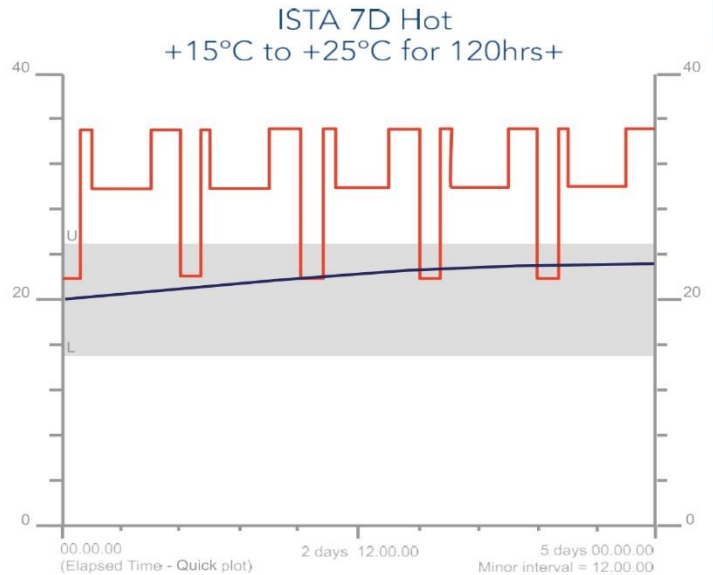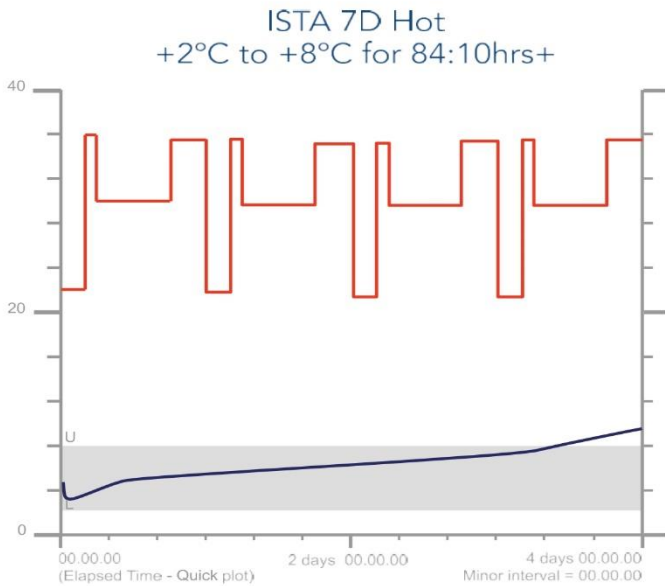
ISO17025, ISO9001-2008 Accredited

COLD CHAIN SOLUTION

COOLPALL FLEX™ ADVANCE PRODUCT SPECIFICATION

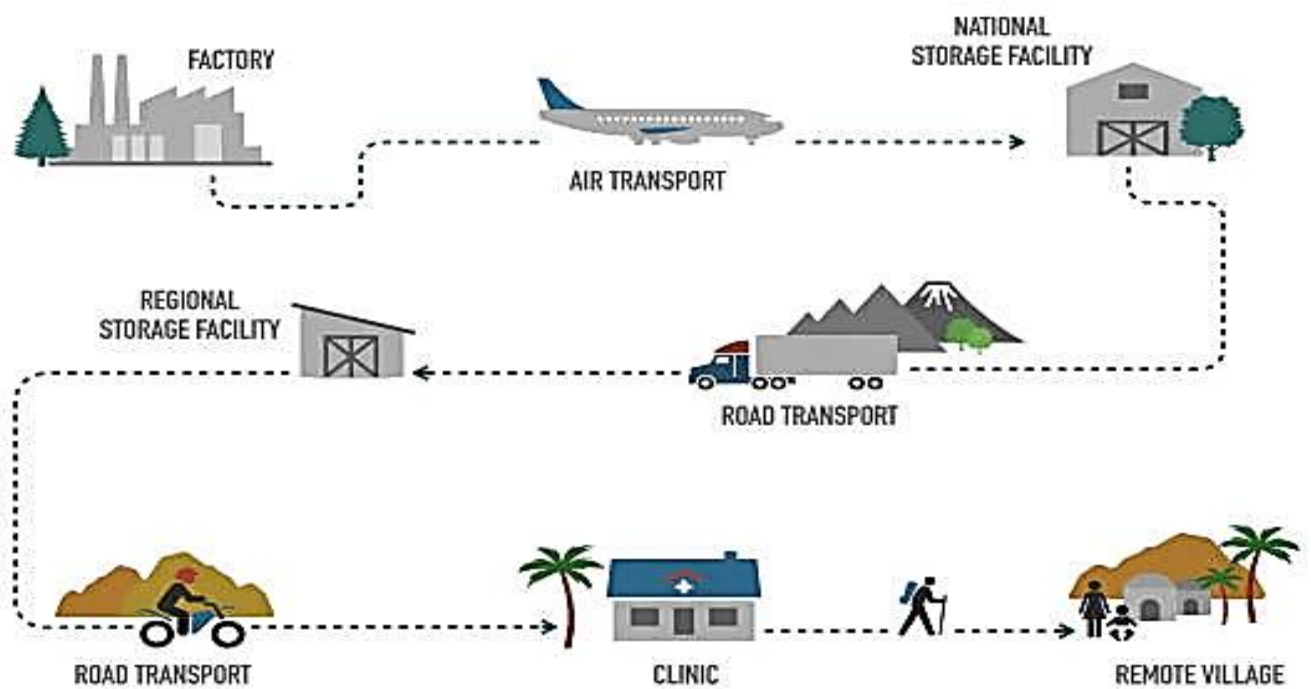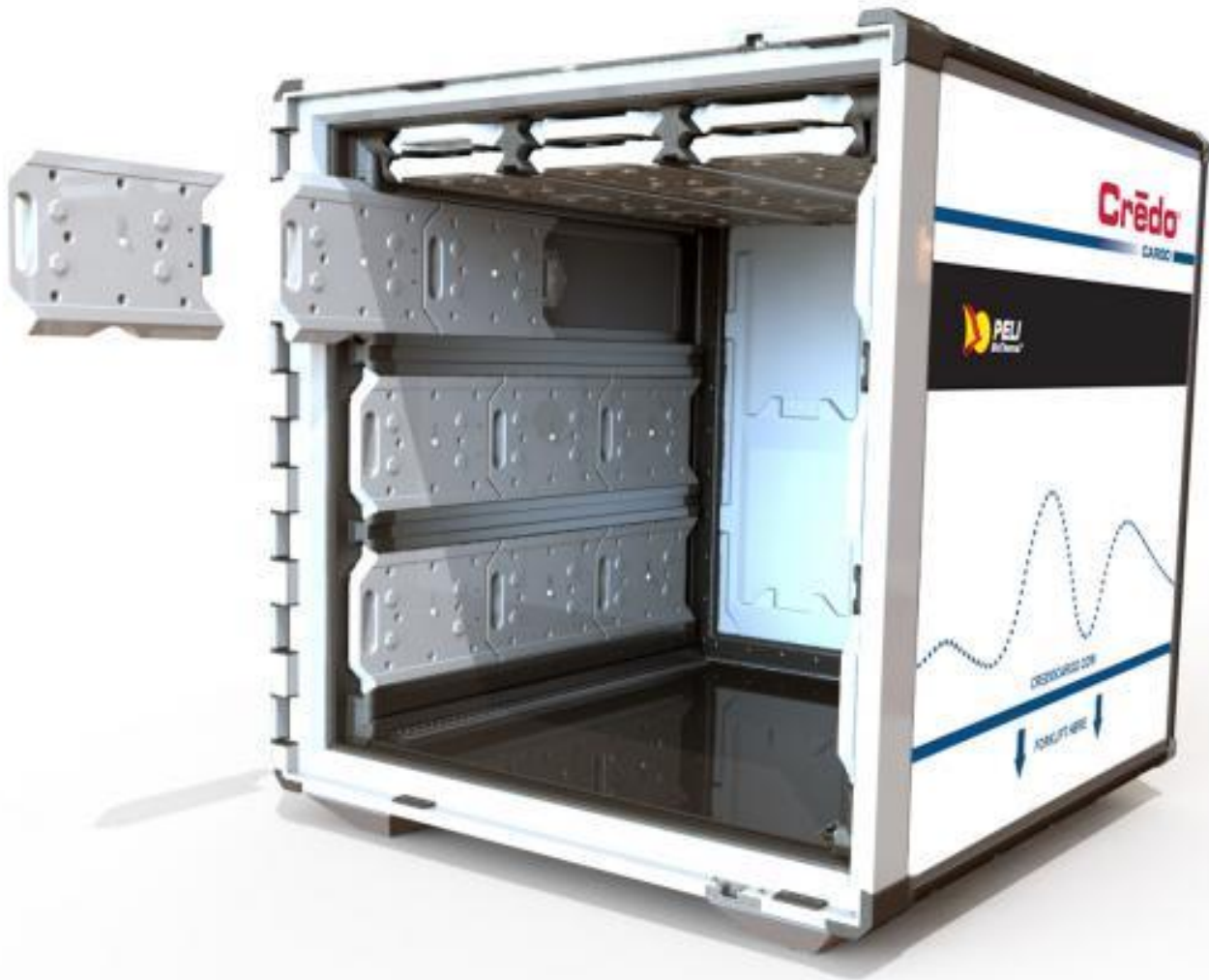|	Product	Litres	Exterior Dimensions WxDxH		Interior Dimensions WxDxH		Tare Weight	
			mm	inches	mm	inches	kg	lbs
EURO PALLET	Single Pod NBA	175	1210 x 802 x 717	47.6 x 31.5 x 28.2	928 x 530 x 356	36.5 x 20.8 x 14.1	60.7	133.5
	Double Pod NBA	150	1210 x 802 x 717	47.6 x 31.5 x 28.2	928 x 455 x 356	36.5 x 17.9 x 14.1	77.1	169.6
	Single Pod HH	359	1210 x 802 x 1110	47.6 x 31.5 x 43.7	928 x 530 x 729	36.5 x 20.8 x 28.7	93.3	205.2
	Double Pod HH	308	1210 x 802 x 1110	47.6 x 31.4 x 43.7	928 x 455 x 729	36.5 x 17.9 x 28.7	113.7	250.1
	Single Pod FH	549	1210 x 802 x 1501	47.6 x 31.5 x 59	928 x 530 x 1117	36.5 x 20.8 x 43.9	120.6	265.3
	Double Pod FH	472	1210 x 802 x 1501	47.6 x 31.5 x 59	928 x 455 x 1117	36.5 x 17.9 x 43.9	150.7	331.5
ISO PALLET	Single Pod NBA	241	1210 x 1002 x 717	47.6 x 39.4 x 28.2	928 x 730 x 356	36.5 x 20.8 x 14.1	76.2	167.6
	Double Pod NBA	216	1210 x 1002 x 717	47.6 x 39.4 x 28.2	928 x 655 x 356	36.5 x 17.9 x 14.1	99.6	219.1
	Single Pod HH	494	1210 x 1002 x 1110	47.6 x 39.4 x 43.7	928 x 730 x 729	36.5 x 20.8 x 28.7	96.6	212.5
	Double Pod HH	443	1210 x 1002 x 1110	47.6 x 39.4 x 43.7	928 x 655 x 729	36.5 x 17.9 x 28.7	130.1	286.2
	Single Pod FH	757	1210 x 1002 x 1501	47.6 x 39.4 x 59	928 x 730 x 1117	36.5 x 20.8 x 43.9	136.5	300.3
	Double Pod FH	679	1210 x 1002 x 1501	47.6 x 39.4 x 59	928 x 655 x 1117	36.5 x 17.9 x 43.9	166.6	366.5

ADDITIONAL DATA

Series 4 CoolPall™ Flex Advance Half Height Single Pod
Single Layer ISO +2°C to +8°C ISTA7D HOT 68 hours
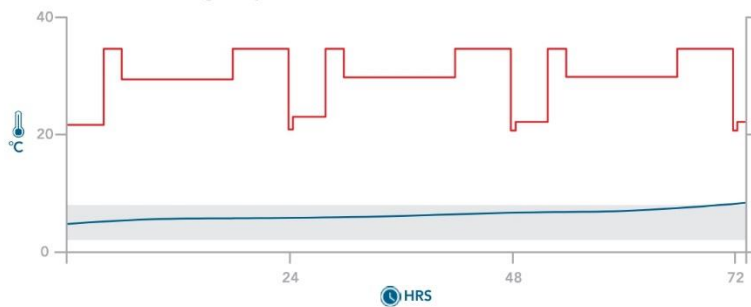
Narrow Bodied Aircraft   Half Height   Full Height

ISO17025, ISO9001-2008 Accredited

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PELI BIOTHERMAL™

COOLPALL™ FLEX ADVANCE

PHARMA 1 HUMANITAS COLD CHAIN SHIPPING SOLUTION

SETTING NEW STANDARDS IN SINGLE-USE BULK SHIPPERS

CoolPall™ Flex is our range of high-performance bulk shippers, available in ISO and EURO footprints. CoolPall™ Flex is highly customisable, allowing users to tailor their shipper to specific shipping lanes or performance requirements, to achieve the optimal thermal protection at lowest overall cost. CoolPall™ Flex Advance comprises polystyrene and full VIP insulation surrounding the payload space (base, side panels and lid) together with PCM coolants in single or double configurations for premium performance, in 3 different sizes (narrow bodied aircraft, half height, full height).

WHY CHOOSE COOLPALL™ FLEX ADVANCE?

- A new approach in the design of bulk shippers

- Performance in excess of 140 hours

- Features PCM coolants and VIP insulation for the high performance available

- Double pod versions available for increased duration

- Narrow Bodied Aircraft, Half Height and Full Height options

- Payload volumes from 150L to 757L

- ISO & EURO footprints available

- Optimised for ULD use for air cargo applications

- Qualified to ISTA7D Profiles

COOLPALL™ FLEX ADVANCE

DURATION
140 + HOURS

TEMPERATURE

SERIES 4
+2°C to +8°C

SERIES 18-24
+15°C to +25°C

SERIES 20M
-20°C

VOLUME
15OL – 757L

pharma1humanitas

PELI BIOTHERMAL™

NanoCool™
DEEPFREEZE™ DRY ICE SHIPPER

DISEAS DIAGNOSTIC DNA TEST COLD CHAIN

WHAT ARE DEEPFREEZE™ SHIPPERS?

DeepFreeze™ Shippers are frozen product shipping systems requiring dry ice. These shippers feature advanced insulation technology to ship -65°C temperature controlled payloads, including cell and gene therapy products for over 96 hours while using less dry ice than traditional packages.

A key design feature of DeepFreeze is a novel spacer to hold a product box in the middle of the shipper. When dry ice is added to the shipper, this keeps the product at the desired temperature until almost all the ice has sublimated.

WHY CHOOSE OUR DEEPFREEZE™ SHIPPERS?

- Advanced insulation properties eliminate re-icing during extended duration shipments.

- Lightweight shippers alleviate safety concerns associated with N2 transport systems and other dry ice shippers.

- Insulation material is manufactured with tough barrier film and nanoporous core to protect your product.

- Environmentally friendly: small footprint produces less waste and less CO_2 output.

- Inner product box accomodates standard 2" tall cyrogenic boxes.

- Lower weight and smaller size eases handling

DEEPFREEZE™ SHIPPER

DURATION
Over 96 hours

TEMPERATURE
Below -65°C

VOLUME
Up to 2.36L

"PROTECTS -65°C PRODUCTS FOR OVER 96 HOURS WHILE USING LESS DRY ICE THAN TRADITIONAL SYSTEMS."

NanoCool™

PELIBIOTHERMAL.COM

DEEPFREEZE™ PRODUCT SPECIFICATION

	Duration Hours	Exterior Dimensions WxDxH		Payload Dimensions WxDxH		Internal Volume Litres	Empty Weight	
		mm	inches	mm	inches		kg	lbs
2-98831	96	337 x 292 x 297	12.3 x 11.5 x 11.7	100 x 100 x 100	4.0 x 4.0 x 4.0	1.1	2.7	6
2-98832	96	300 x 300 x 300	12.3 x 11.5 x 11.7	149 x 149 x 100	5.9 x 5.9 x 4.0	2.36	2.76	6.1

DISEAS DIAGNOSTIC DNA TEST COLD CHAIN
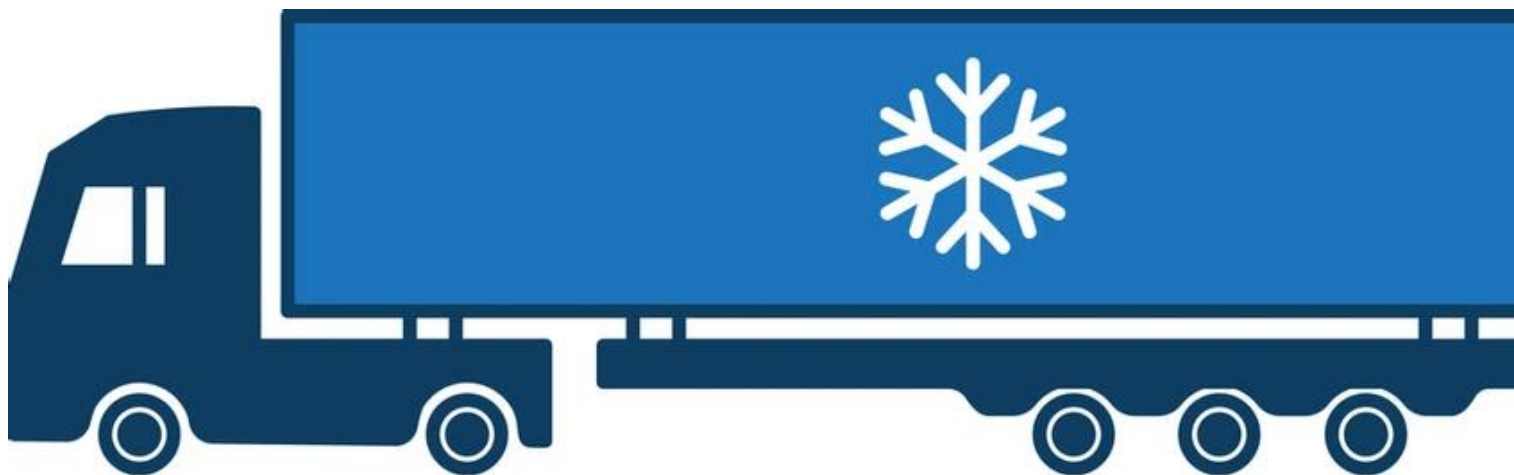
COLDCHAIN CONTAINER FOR SHIPMENT

Alfa-ImmunoCol+

Colostro di capra, camomilla, mirtillo rosso

GOAT

α-ImmunoCol

Integratore a base di Colostro di Capra Camomilla e Mirtillo rosso

20 capsule da 375 mg   Peso netto: 7.5 g ℮

α
Alfa-ImmunoCol

Suplemento feito a partir de Colostro de Cabra, Camomila e Cramberry

20 cápsulas, 375 mg   Peso líquido 7

α-ImmunoCol

Goat colostrum, chamomile and lingonberry supplement

20 capsules, 375 mg   Net weight 7.5 g ℮

CLASSIFICATION OF THE MEDICINES

PHARMACY MANAGEMENT SYSTEM

- Inventory Management
- Pharmacy Management
- Sells Management
- Pharmacy Management System
- Medicines Management
- Company Management
- Stocks Management

PHARMA 1 HUMANITAS
SUNFLOWER OIL
6X1LITRE BOTTLE

100% pure

F
A
E

Sunflower Oil

Product packaged by: Pharma 1 Humanitas
Email:pharma1humanitas@gmail.com

1 L

PHARMA SUPPLY CHAIN

Pharmaceutical Supply Chain

Disposal Service ← Dispose ← Hospital Pharmacy

Dispose

Dispose

Drug

Return

Manufacturer ← Drug / Return → Wholesaler ← Drug / Return → Pharmacy Retailer

Stamp Request / Stamp Supply

Monthly Communication

Daily Communication

State Ministry   AIFA

PHARMACY MANAGEMENT SYSTEM

Pharmacy Management Software

Left		Right
Customers Record **10**		**01** Customer Module
Invoice Generate **09**		**02** Item Module
Stock Evaluation **08**	**Pharmacy Management Software**	**03** Item Kit Module
Store Configuration **07**		**04** Supplier Module
Employee Management **06**		**05** Reporting Module

CLASSIFICATION OF THE MEDICINES