SPACECODE FREEZER

The Spacecode Freezer is an intelligent RFID storage and inventory management solution for blood-related items, such as plasma. Constant track-and-trace of items with robust traceability for optimal patient care. Automated real-time inventory. Find required items immediately with 'pick to light' technology.

BIOMETRIC OR CARD ACCESS
FOR MANAGEMENT CONTROL

LED 'PICK TO LIGHT'
IDENTIFIES ITEMS INSTANTLY

AUTOMATED 24/7 INVENTORY
TRACK-AND-TRACE FROM ANYWHERE

SPACECODE
TECHNOLOGIES
INTELLIGENT TRACK & TRACE

The Spacecode Freezer (V5530) is an innovative RFID inventory management and storage system for blood-related products that need to be maintained, checked and stored in a temperature stable environment on a continuous basis. The freezer includes automated tracking of items from distribution to usage and stores critical safety information such as patient`s blood type and product information.
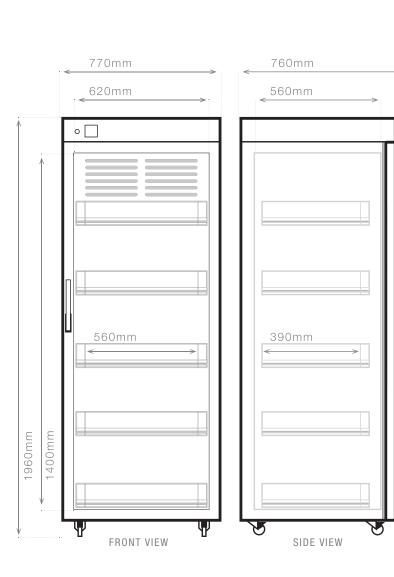
The revolutionary LED "pick to light" tag enables instant identification of the exact item required in the freezer, saving precious time on manual searches and protecting against manual errors. The freezer can only be opened by authorized personnel via RFID access control and constantly records exactly who accessed it, when it was accessed, what was put in or taken out and where the transaction occurred. If a product is not used and returned, there is an automated recording of how long it was out of the freezer.

The Spacecode Freezer facilitates efficient workflows, maximizes inventory control and monitoring with real-time product visibility while optimizing patient care.

KEY FEATURES

- Automatic inventory count when door is closed
- LED 'pick to light' feature
- Biometric or ID card access
- Digital Display Panel
- 100% reading accuracy not affected by metal or liquids or juxtaposition
- Data and inventory can be reviewed in real-time
- RFID Scanning (products and labels are positioned vertically)
- Cased in Premium Grade Galvanized Steel (rust proof)
- Solid door

TECHNICAL SPECIFICATIONS

FRONT VIEW
770mm
620mm
560mm
1960mm
1400mm

SIDE VIEW
760mm
560mm
390mm

DIMENSIONS

External Dimensions	770 X 760 X 1960 [MM] (W X D X H with handles, emergency key and wheels)
Interior Fittings / Dimensions	5 aluminum drawers / each 560 X 390 X 100 [MM] (W X D X H) / 3 divisions per drawer
Weight	179kg
Capacity	500 L- 320 plasma cartons of 190 X 130 X 25 [MM] (W X D X H)

MATERIAL

Exterior / Interior Body	Galvanised Steel / Aluminum
Door	Solid
Insulation	Double-layer 70MM insulation
Interior Lighting	LED

OPERATING PARAMETERS

Temperature Setting	-32° C
Temperature Set / Display / Alarm	Yes
Cooling System	Forced with axial blower
Defrosting	Automatic with time limit and temperature monitoring

RFID SYSTEM

Carrier Frequency	125 KHZ Global Frequency Standard (119.7 KHZ)
Technology	Spacecode Passive RFID
Tag Type	100.70-LED 59.35-DFT-LED
Chip Type / Memory	SPC E2 R/W/LED 126 BITS
Data Durability	10 years
Alarms	Door Open Detector- Power Failure Sensor- Hi/Lo Temperature Sensor

ACCESS CONTROL

Lock	Electronic
Access Card	13.56 MHZ: PHILIPS MIFARE®, I-CODE®, INSIDE PICOTAG® PICOPASS®, HID ICLASS®, LEGIC ADVANT®, SONY FELICA, ISO15693 and NFC COMPLIANT
Emergency Key	Manual emergency key release

COMMUNICATION

Ethernet	Yes

SOFTWARE

Software Development	SDK (Software Development Kit) .NET CLIENT TCP/IP
Business Application	SmartTracker with central or local database

POWER

Power Supply	220-240V AC, 50Hz- Power On switch
Power Consumption	930W MAX
Ambient Operating Temperature	10° TO 38°C (Indoor Use)

CERTIFICATION

Applicable Directives	89/336/EEC Electromagnetic Directive
Standards of Conformity	EN301 489-1 V1 8.1- ETSI EN 300 330-2 V1.5.1- EN 50364 of 2010 FCC Part 15A Radiated Limits CE

AVAILABLE OPTIONS

PC touch screen panel
WIFI
Biometric access with fingerprint reader