

SPACECODE FRIDGE



The Spacecode Fridge (V4468.D) is a high-performance refrigerator for anti-doping laboratories. Security and tracking of the urine and blood tube samples to the highest standards. Samples can be located instantly using the 'pick to light' technology. Integrates into any ERP.



BIOMETRIC OR CARD ACCESS
FOR MANAGEMENT CONTROL



LED 'PICK TO LIGHT'
IDENTIFIES ITEMS INSTANTLY



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



The Spacecode Fridge (V4468.D) incorporates the fundamental anti-doping security and tracking requirements in its unique refrigeration storage and management system. Specimens are placed in sealed containers (with built-in Spacecode RFID inlay) and stored in the smart refrigerator, providing visibility, workflow and stringent recording of movement throughout the analysis process.

Only authorized users can access the refrigerator via an ID card or biometric fingerprint and specific samples are instantly identified using the revolutionary LED "pick to light" feature that lights up the requested sample.

Spacecode offers the ultimate anti-doping specimen solution with RFID track-and-trace technology to ensure that anti-doping samples are accounted for every step of the way from collection to cold storage. The patented technology keeps an automated record of the who, what, where and when accessed and removed or placed specimens in the refrigerator.

KEY FEATURES

- Immediately locate items using 'pick to light'
- Biometric or ID card access
- Full inventory traceability in real-time
- Track and track of all movement of individual specimens
- Automatic inventory once the door is closed
- Data can be read and reviewed using a tablet, cell phone or PC
- Cased in Premium Grade Galvanized Steel
- Ethernet connection

TECHNICAL SPECIFICATIONS



DIMENSIONS

External Dimensions	740 X 745 X 1810 [MM] (W X D X H with handles, emergency key and wheels)
Interior Fittings / Dimensions	5 stainless steel drawers / each 560 X 400 X 80 [MM] (W X D X H)
Weight	150 KG
Storage Capacity	35 Berlinger containers per tray (total 175 containers)

MATERIAL

Exterior / Interior Body	Galvanized steel / aluminum
Door	Glass with metal frame
Insulation	Double layer 55MM insulation
Interior Lighting	LED

RFID SYSTEM

Carrier Frequency	125 KHZ Global Frequency Standard (119.7 KHZ)
Technology	Spacecode Passive RFID
Tag Type	23.1-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

OPERATING PARAMETERS

Temperature Range	+2° C TO +20° C
Temperature Set	Yes
Display Alarm	
Cooling System	Forced with axial blower
Defrosting	Automatic with time limit and temperature monitoring

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
Biometric Fingerprint Access	Yes
Emergency Key	Manual emergency key release

COMMUNICATION

Ethernet	Yes
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SOFTWARE

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

POWER

Power Supply	90-230V AC, 50-60HZ - Power On switch
Power Consumption	516W 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 fingerprint access
- Solid Door

