Laboratory Plus Bluetooth Enabled ATEX Freezer

242L Laboratory Plus Upright ATEX Freezer with Solid Door

Product code	LSFSF242BT-ATEX
SKU code	444411363

Ex CE Ex I 3 G c ic IIB T6 X

MADE IN BRITAIN

Key features

✓ Temperature range of -18°C to -25°C

✓ Air temperature probe

✓ Certified ATEX Zone 2 Freezer Cavity

✓ Audible and visual temperature alarms

✓ Factory fitted 16mm porthole for secondary temperature monitoring probes

Bluetooth Connected Controller

Our upgraded controller is Bluetooth enabled and allows for simple, contactless monitoring of temperature and alarm history, via the official Lec Medical app.

LEC Medical Smartphone App

Contactless local monitoring of air and load temperatures via our bespoke smart phone app. Downloadable temperature reports and alarm history.

Spark-free

With no fan or internal light and the temperature probe interfaced through an ATEX intrinsically safe barrier this allows the refrigerator cavity to be certified as ATEX Zone 2 Category.

Anti-Microbial Handle

Our handles have an anti-microbial powder coating which inhibits the growth of microbes to help prevent cross contamination.

Maximum Internal Storage

Removable deep trays for maximum storage.

Lec MEDICAL

Specification: 242L Laboratory Plus Upright ATEX Freezer with Solid Door

SKU Code	444411362
Product Code	LSFSF242BT-ATEX
Gross Capacity (litres)	242L
Net Capacity (litres)	229L
Unit External Width (mm)	595mm
Unit External Depth (mm)	600mm
Unit External Height (mm)	1560mm
Product Weight (kg)	58.2kg
Packed Width (mm)	640mm
Packed Depth (mm)	635mm
Packed Height (mm)	1630mm
Packed Weight (kg)	67.1kg
Country of Origin	UK
Internal Dimensions (mm) (WxDxH)	420mm x 455mm x 1345mm
Temperature Range	-18°C to -25°C
Colour	White/green
External Finish	Painted Steel
Internal Finish	HIPS*
Type of plastic	SRL800 (HIPS/ABS mix)
Door Finish	Painted Steel / HIPS*
Door Type	Solid
Door Style	Hinged, Reversible
Door Liner	Flat
Number of Door Trays	N/A
Number of Door Tray Positions	N/A
Door Open Depth (mm)	1150mm
Replacement Door Seal	Yes
Open Door Sensor	Yes
Lock	Yes, 2 Keys
Adjustable Feet (number & position)	2 Adjustable (front)
Porthole	Yes
Porthole Size	16mm
Porthole Location	Rear Bottom (Right)
Temperature Display on Panel	Yes
Temperature Alarm	Yes
Remote Alarm Contacts	Yes
Audible Alarms	Yes
Visual Alarms	Yes
Number of Shelves/Drawers	6
Number of Shelf Positions	6
Shelf Size (mm) (WxDxH)	N/A
Shelf Size 2 (mm) (WxDxH)	N/A
Shelf Material	N/A
Drawer Size (mm) (WxDxH)	408mm x 405mm x 195mm
Drawer Size 2 (mm) (WxDxH)	408mm x 252mm x 210mm
Drawer Material	HIPS*
Number of Baskets	0
Basket Material	N/A
Basket Size (mm) (WxDxH)	N/A
Interior Light	No
Fan	No
ATEX Zone 2 Certified Refrigerator Cavity	Yes
Defrost setting	Manual
Controller Type	Digital BT, External
Bluetooth	Yes
Number of Probes	1
Probe Type	Air
Ambient Temperature Range	10°C to 32°C
Refrigerant Type	R600a/64g
UK 3 Pin Plug	Yes
Other Plug Types Available	No
Voltage Supply	220-240V
Frequency (Hz)	50Hz
Max Power (W)	88W
Max Current Rating (A)	0.86A
Energy Consumption (kWh/24h)	99kWh/24h
Energy Consumption AE (kWh)	361.4kWh
Noise Level (dB)	36.5dB
Insulation Thickness (mm)	85mm
Insulation Type	High Density Polyurethane Foam
Blowing Agent	Cyclopentane
Anti-Microbial Handle	Yes