Laboratory Plus - ATEX Approved Bluetooth Enabled Freezer



98L Laboratory Plus Undercounter Freezer with Solid Door

Product code	LSFSF98BT-ATEX
SKU code	444411882

OUR WARRANTY 2 YEARS PARTS 2 YEARS LABOUR

ATEX Zone 2, Category 3 Certified (Internal Cavity)

The **internal cavity** of this unit is certified in accordance with ATEX Directive 2014/34/EU for use in **Zone 2, Category 3** environments. This means it is suitable for areas where explosive atmospheres are unlikely during normal operation but may occur briefly and infrequently.
All **external components** are classified as being in a non-hazardous (safe) area and therefore do not require ATEX compliance.

Key features

- ✓ Temperature range of -18°C to -25°C
- ✓ Air temperature probe
- ✓ 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 temperature via our bespoke smart phone app. Downloadable temperature reports and alarm history.



Spark-free

We have removed items such as fans and lights so nothing in the interior of the appliance has a risk of igniting flammable liquids.



Anti-Microbial Handle

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

Specification: 98L Laboratory Plus Undercounter Freezer with Solid Door

Product Information

Brand	LEC Medical
Category	Laboratory
Sub-Brand	Laboratory Plus
SKU Code	444411882
EAN Code	5052263118829
GDMA Code	LSFSF98BT-ATEX
Description	Under Counter

Door Specification

Door Finish	Painted Steel / Solid
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

Product Features

Gross Capacity (litres)	98L
Net Capacity (litres)	84L
Temperature Range	-18°C to -25°C
Open Door Sensor	Yes
Key Lock	Yes, 2 Keys
Digital Lock	No
Porthole	Yes
Porthole Size (Ø Diameter)	16mm
Porthole Location	Rear Bottom (Right)
Controller Type	Digital, External
Temperature Display on Panel	Yes
Temperature Alarm	Yes
Remote Alarm Contacts	Yes
Audible Alarms	Yes
Visual Alarms	Yes
Interior Light	No
Light Type	n/a
Light Activation	n/a
Fan - Type	No
Spark Free	Yes
Defrost setting	Manual
Battery Back Up/Hours	No
Bluetooth	Yes
NFC	Yes
WIFI	No
GSM-4G	No
Number of Probes	1
Probe Type	Air
Anti Microbial Handle	Yes

Technical Information

Noise Level (dB)	41dB(A)
Colour	White/Green
External Finish	Painted Steel
Internal Finish	HIPS
Type of plastic	SRL800 (HIPS/ABS mix)
Ambient Temperature Range	16ºC to 32ºC
Refrigerant Type / Weight (g)	R600a/58g
CFC Free	Yes
HFC Free	Yes
HCFC Free	Yes
Ammonia Free	Yes
Insulation Thickness (mm)	85mm
Insulation Type	High Density Polyurethane Foam
Blowing Agent	Cyclopentane
Certification	CE/UKCA
ATEX Zone Classification	Internal Cavity - Zone 2, Cat 3

Power/Installation

UK 3 Pin Plug Power Cord	Yes
EU Schuko 2 pin plug Power Cord	Yes
AU Type I Plug Power Cord	No
Voltage Supply (V)	220-240V
Frequency (Hz)	50Hz
Max Power (W)	80W
Max Current Rating (A)	0.62A
Energy Consumption (kWh/24h)	0.56kWh/24h
Energy Consumption AE (kWh)	204.4kWh
Heat Output Estimated at 22ºC (kJ)	2016kJ
Adjustable Feet (Number & position)	4 All adjustable

Internal Specification

Number of Shelves	3
Number of Shelf Positions	3 Fixed
Shelf Size 1 (mm) (WxDxH)	410mm x 365mm x 4.1mm
Shelf Size 2 (mm) (WxDxH)	410mm x 230mm x 4.1mm
Shelf Material	Glass/HIPS
Number of Drawers	3
Number of Drawer Positions	3 On Shelf
Drawer Size 1 (mm) (WxDxH)	2@ 408mm x 405mm x 195mm
Drawer Size 2 (mm) (WxDxH)	1@ 408mm x 252mm x 210mm
Drawer Material	HIPS*
Number of Baskets	0
Basket Material	n/a
Basket Size (mm) (WxDxH)	n/a

Weights & Dimensions

Unit External Width (mm)	595mm
Unit External Depth (mm)	600mm
Unit External Height (mm)	850mm
Unit External Depth Inc Handle (mm)	660mm
Internal Dimensions (mm) (WxDxH)	420mm x 450mm x 640mm
Product Weight (kg)	37.25kg
Packed Width (mm)	640mm
Packed Depth (mm)	660mm
Packed Height (mm)	910mm
Packed Weight (kg)	41.1kg
Country of Origin	China

WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.