



LABORATORY

REFRIGERATION & FREEZERS



LEC MEDICAL

LABORATORY RANGE

We provide safe, reliable and energy efficient temperature controlled storage to laboratories



CONTENTS

- 03 | Lec Medical – Medical Refrigeration Experts
- 04 | Our New Improved Laboratory Range Explained
- 06 | Our Laboratory Fridge Range
- 10 | Our Laboratory Freezers Range
- 12 | Our Laboratory Fridge-Freezers Range
- 16 | NEW Storage Solutions
- 17 | Temperature Mapping
- 18 | Laboratory Model Specifications
- 20 | Low and Ultra Low Temperature Refrigeration



Extend your warranty for added peace of mind*

EXTENDED WARRANTY

Lec Medical has now launched a comprehensive extended warranty package enabling you to protect your Laboratory product beyond our free of charge 2 years parts and labour warranty.

This package includes new for old replacement and offers reassurance in the current uncertain economic climate.

Call us today to find out more!

☎ 0844 815 3742

* UK only



REASONS TO CHOOSE LEC MEDICAL



We offer **free delivery on ALL Laboratory refrigeration units** featured in this brochure*



The majority of our Laboratory range is **manufactured in the UK** to the highest quality standards. Look out for the  'Made in UK' symbol



We have total confidence in our products and back that up with a **2 year parts and labour warranty***



Our **award-winning customer help centre is on hand 363 days a year, 7 days a week** to offer guidance in the unlikely event of a problem with one of our units, with a team of 180 service engineers covering the whole of the UK to deal with any issues quickly and efficiently*



Our **large nationwide distribution centre holds stock** of most of our range, enabling us to supply products to meet orders promptly and with different delivery options to suit you



Lec Medical takes its environmental responsibilities seriously – we always try to use the most environmentally friendly refrigerant gases where possible, meaning **our units are not only kinder to the environment but also require less energy to run**



We are **leading approved supplier to the Government Procurement Service**, enabling NHS facilities involved with this service to order easily and at a competitive price



Every single unit is **individually tested and quality checked** before it leaves the production line to ensure it is in full working order

*UK only

Supplier to
 Government Procurement
Service



LEC MEDICAL

OUR NEW IMPROVED LABORATORY REFRIGERATION RANGE

We have developed our new range with reliability and ease of use in mind. All our Laboratory fridges operate at a temperature of +2°C to +10°C and our freezers operate at -18°C and below. We have also added a number of improvements to certain popular models to ensure we are offering you the best possible secure and reliable refrigerated storage. Many of our models are also available with an alternative fitted European plug.



Lec Medical suggests the following advice to ensure you are getting the most from your Laboratory fridge or freezer:

- ✓ Do not open the door for prolonged periods
- ✓ Always ensure the door is closed firmly after use
- ✓ Do not overstock the unit as this can affect the internal airflow
- ✓ Clean the unit regularly, ensure freezers are defrosted according to the recommendations provided
- ✓ Always ensure your fridge or freezer has space around it for cooling airflow to prevent the refrigerant system working harder than it needs to



Optional Plug Types

Many of our models are available with a variety of plug types depending on your country. Please contact us for details.



Ready to Use

Lec Medical fridges are supplied with a preset temperature of +2°C to +10°C and freezers -18°C and below, meaning they are ready for use as soon as you plug them in.



Energy Efficient Refrigerant

Many models in our new range use R600a refrigerant, which is kinder to the environment as well as being an efficient cooling system, meaning the running costs of the fridge are kept as low as possible. Look out for the R600a symbol for our most efficient model.



Our NEW advanced controller explained



Temperature accuracy to 0.1°C



Main panel shows an average internal air temperature and min/max levels can easily be displayed



Our high-tech controller will also show a min/max simulated core temperature (allows you to see the actual temperature of contents stored, not simply air temperature)



Control panel can be locked to avoid accidental changes to desired settings



New Advanced Controller

Our latest integral controller enables the user to select minimum and maximum temperatures, and manage the warning alarm system at the press of a button



Lock Fitted as Standard

Maintains security and ensures the unit can only be accessed by approved personnel



Anti Microbial Handle

Helps prevent the growth of bacteria and minimise the potential for cross contamination within your laboratory. Look out for the anti microbial symbol for units with this unique feature



Auto Defrost Feature

Ensures the most efficient cooling and units with the lowest on-going maintenance



Storage Flexibility

Shelf heights can be varied in all our units to ensure you are able to maximise the storage potential of your Laboratory refrigerator



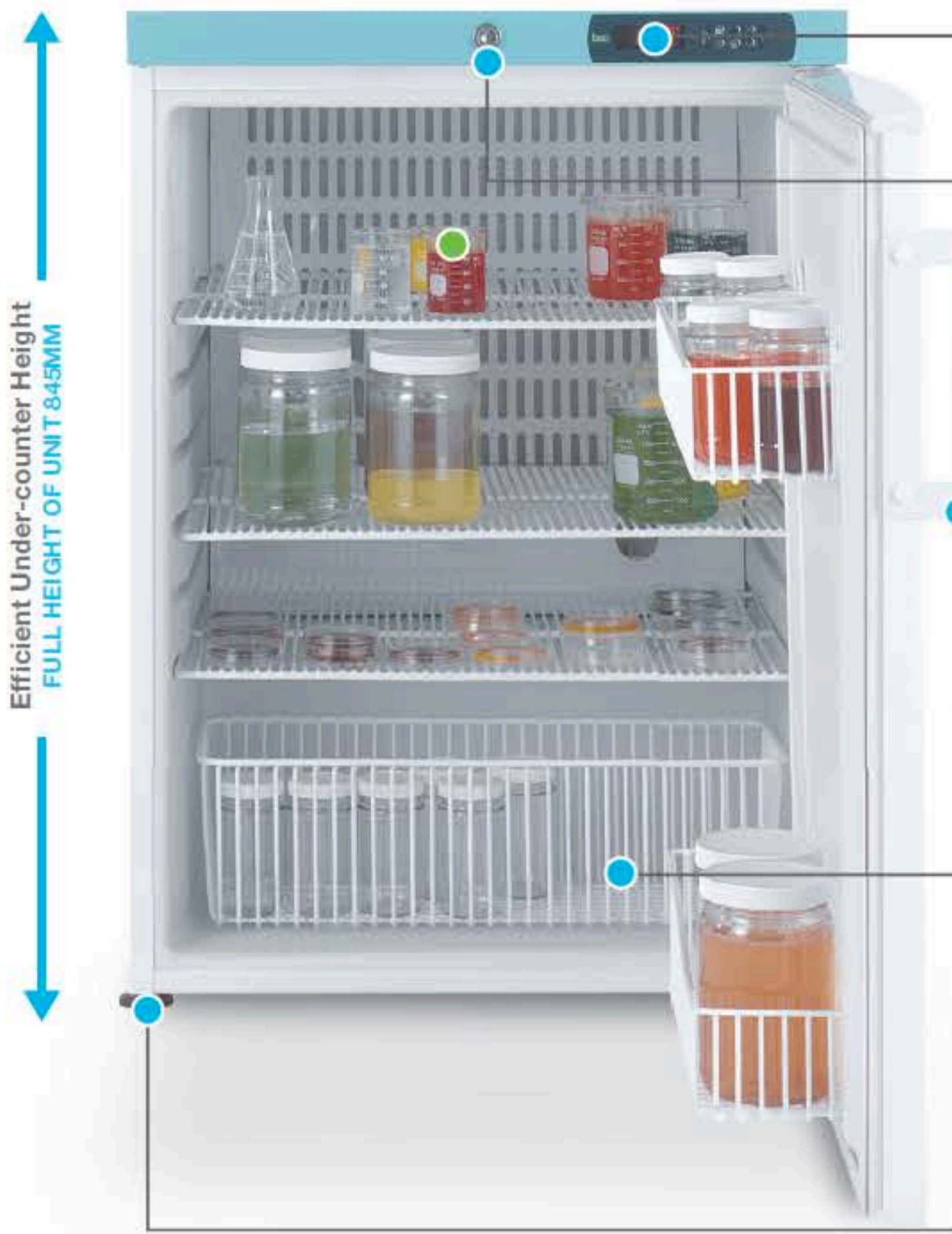
Fitted Rollers

Available on all under-counter and freestanding models, makes moving the units for repositioning or cleaning straightforward



LEC MEDICAL

LABORATORY FRIDGES



New Advanced Controller

Manage the internal temperature and monitor min/max settings at the touch of a button



Fitted Lock

Maintains security and helps prevent unauthorised access. All units come with 2 keys



Anti Microbial Handle

Helps prevent the growth of bacteria and minimise the potential for cross contamination



Wire Shelves and Basket

Enable optimal airflow inside the unit. Shelf positions can be varied for maximum storage capacity



Fitted Rollers

For easy moving and cleaning



LSR151UK Under-counter Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LSR151UK	444440964	151 litres	845 x 595 x 595	36	+2°C to +10°C

We offer a wide range of Laboratory models to suit your needs, from smaller countertop units, ideal for when space is limited, space efficient under-counter models that fit easily under working benches and a range of larger, freestanding units, ideal for when extra storage capacity is required.

Our NEW Under-counter LSR151

Space Efficient

Under-counter storage offers laboratories a simple way of refrigerating vital products, in a space-effective way. At only 845mm high, our LSR151 fits neatly under most work benches and has fitted rear rollers to assist in moving the unit when access is required for cleaning behind it.

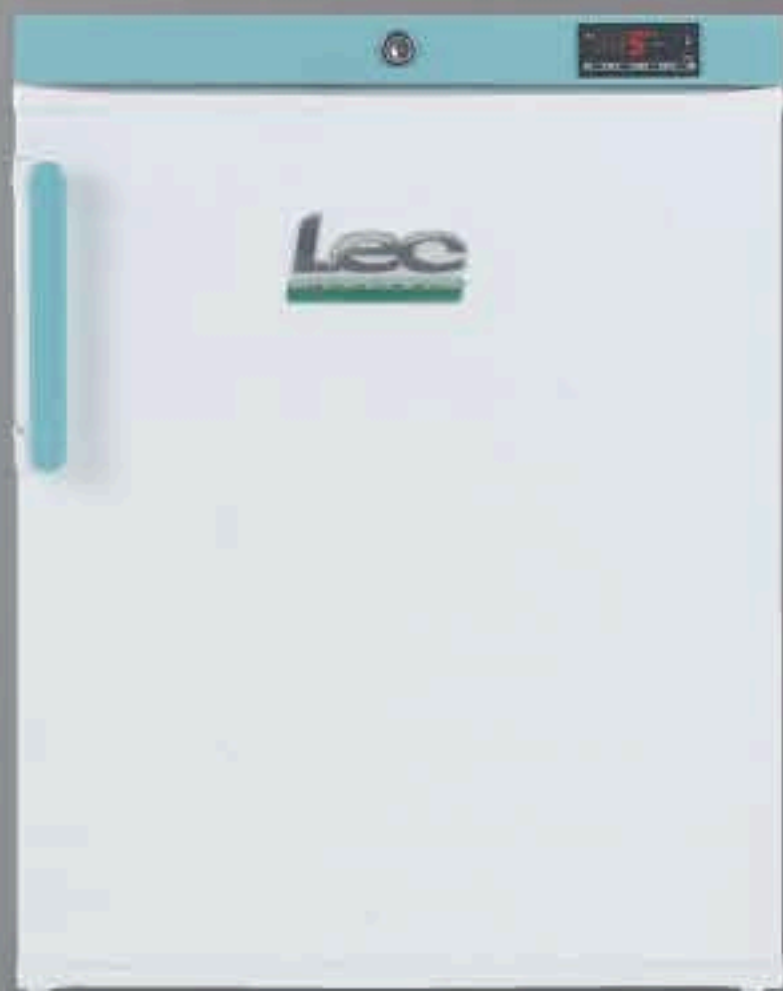
Space Effective

Our LSR151 has a large internal storage capacity of 151 litres. To optimise storage effectiveness, ALL Lec Medical Laboratory fridges and freezers are spark-free, and our specially designed wire shelves and door furniture allow cold air to circulate easily within the cabinet.



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OTHER LABORATORY FRIDGES



COUNTERTOP REFRIGERATION



LR207C Countertop Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LR207C	444441799	82 litres	660 x 502 x 540	27.5	+2°C to +10°C



UNDER-COUNTER REFRIGERATION



LR307C Under-counter Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LR307C	444441800	107 litres	830 x 495 x 620	103	+2°C to +10°C

Our range is available in our new Green styling and comes complete with the 2 years parts and labour warranty as standard.



FREESTANDING
REFRIGERATION



LR1607C Freestanding Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LR1607C	444441801	475 litres	1688 x 695 x 910	95	+2°C to +10°C



LSR288UK Freestanding Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LSR288UK	444440966	288 litres	1570 x 595 x 634	58	+2°C to +10°C



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LABORATORY FREEZERS



Efficient Under-counter Height
FULL HEIGHT OF UNIT 845MM

New Advanced Controller

Manage the internal temperature and monitor min/max settings at the touch of a button



Fitted Lock

Maintains security and helps prevent unauthorised access. All units come with 2 keys



Anti Microbial Handle

Helps prevent the growth of bacteria and minimise the potential for cross contamination



Wire Shelves and Basket

Enable optimal airflow inside the unit. Shelf positions can be varied for maximum storage capacity



Fitted Rollers

For easy moving and cleaning



LSF151UK Under-counter Laboratory Freezer

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
LSF151UK	444440968	151 litres	845 x 595 x 595	36	-18°C to -25°C



We offer a wide range of Laboratory freezers to suit your needs, from smaller countertop units, ideal for when space is limited, space efficient under-counter models that fit easily under working benches, and a range of larger, freestanding units, ideal for when extra storage capacity is required.

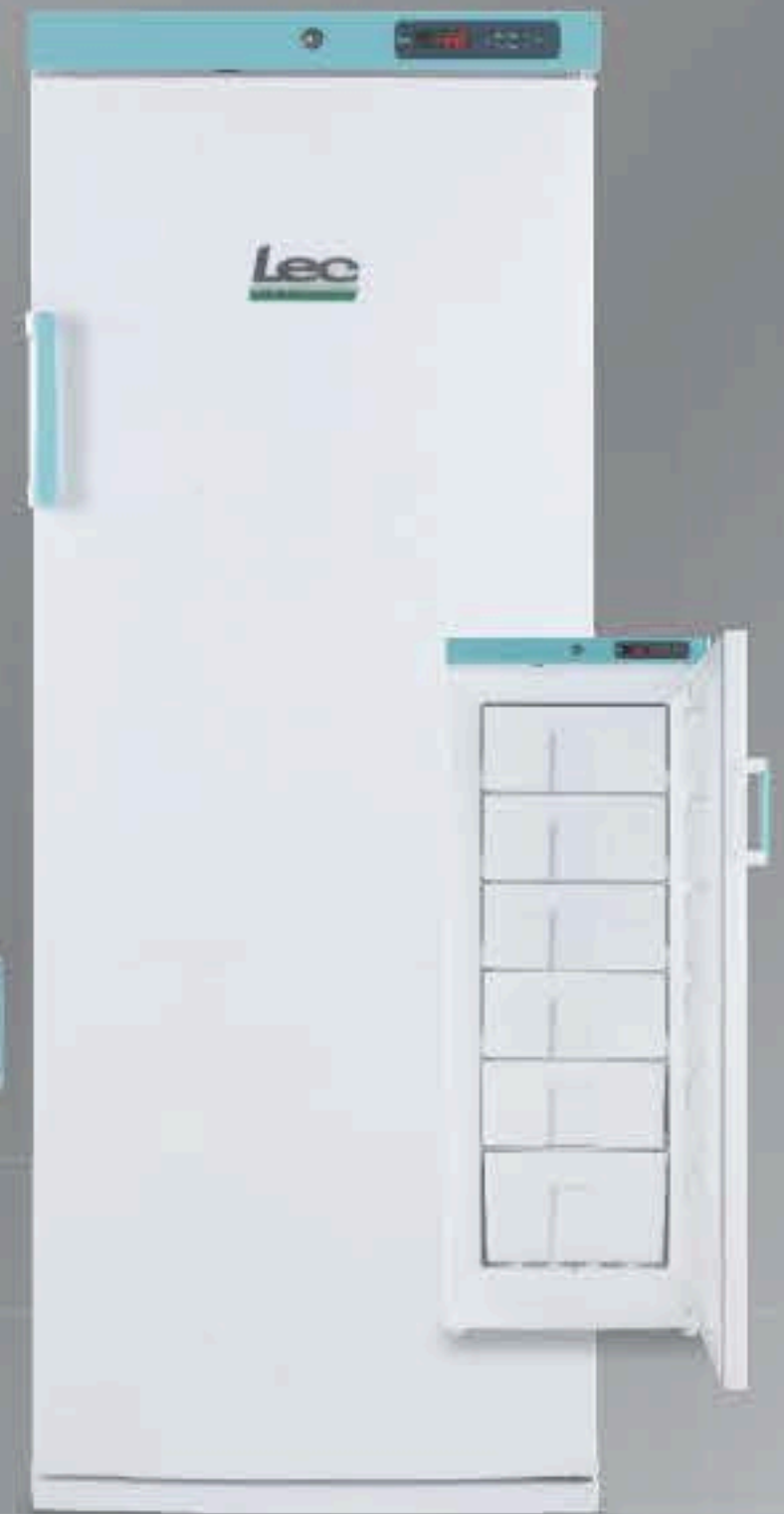
We now sell on-shelf organisers compatible with many of our units, please see [page 16](#) for further details.



COUNTERTOP - ISU27C



UNDER-COUNTER - ISU37C



FREESTANDING - LSF232UK



Other Laboratory Freezers

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
ISU27C	444441802	50 litres	562 x 500 x 510	17	-18°C to -20°C
ISU37C	444441803	102 litres	830 x 495 x 620	33	-18°C to -20°C
LSF232UK	444440970	232 litres	1570 x 595 x 634	60	-18°C to -25°C

Please see [page 12](#) for fridge-freezer options

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LABORATORY FRIDGE-FREEZERS



New Advanced Controller

Manage the internal temperature and monitor min/max settings at the touch of a button



Fitted Locks

(for both compartments)
Maintains security and helps prevent unauthorised access. All units come with 2 keys



Wire Shelves

Enables optimal airflow inside the unit. Shelf positions can be varied for maximum storage capacity



Plastic Baskets, Flaps and Door Organisers

Maximise space and offer protection to contents



Anti Microbial Handles

Help prevent the growth of bacteria and minimise the potential for cross contamination



Fitted Rollers*

For easy moving and cleaning

*selected models



159L

104L



LSC263UK Freestanding Laboratory Fridge-Freezer

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range
LSC263UK	444440973	263 litres	1680 x 540 x 600	58	FRIDGE: +2°C to +10°C FREEZER: -18°C to -25°C

Offering the flexibility of a fridge and freezer in the same unit, and maximising storage space, Lec Medical provides a comprehensive range of combination fridge-freezers in different sizes to suit your requirements.

Laboratory Fridge-freezers from Lec Medical

Fridge-freezers offer the optimal storage flexibility with two distinct temperature zones.

Flexible storage

These units are a popular choice when space is limited and we offer a wide variety of sizes, from countertop units through to large freestanding alternatives.



Peace of mind security

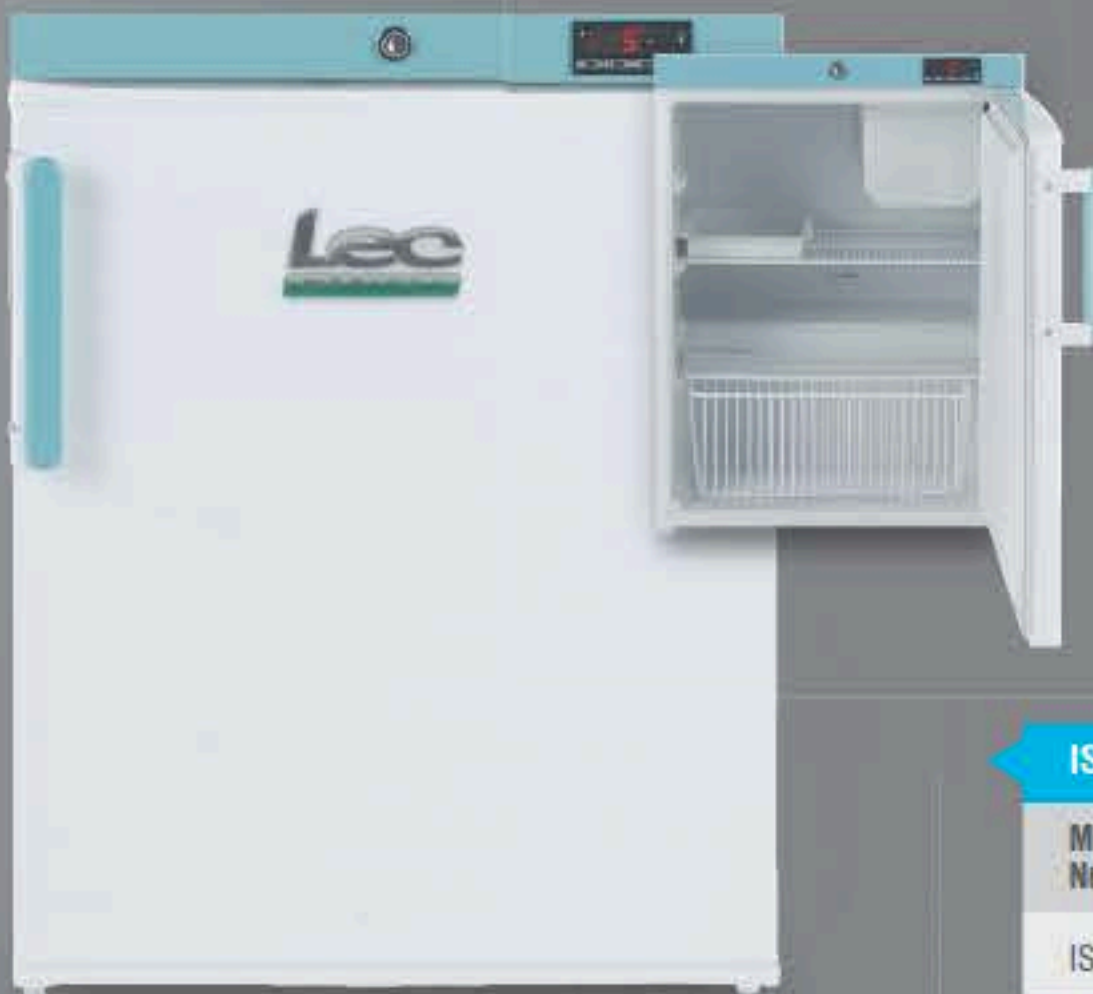
All Lec Medical units come with a fitted lock to ensure only authorised personnel have access, and our new freestanding fridge-freezers have unique separate fitted locks for the fridge and freezer compartments.



Separate freezer lock

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OTHER LEC MEDICAL FRIDGE-FREEZERS



COUNTERTOP

6.5L
77L



Internal Freezer Compartment



ISR27C Countertop Laboratory Fridge-Freezer

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range
ISR27C	444441804	83.5 litres	660 x 502 x 540	25	FRIDGE: +2°C to +10°C FREEZER: -18°C to -20°C



UNDER-COUNTER

13L
106L



Internal Freezer Compartment



LSC119UK Under-counter Laboratory Fridge-Freezer

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range
LSC119UK	444440972	119 litres	860 x 540 x 600	34	FRIDGE: +2°C to +10°C FREEZER: -18°C to -25°C



Offering the flexibility of a fridge and freezer in the same unit, and maximising storage space, Lec Medical provides a comprehensive range of combination fridge-freezers in different sizes to suit your requirements.

NEW



190L
134L

FREESTANDING



LSC324UK Freestanding Laboratory Fridge-Freezer

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range
LSC324UK	444441790	324 litres	1870 x 600 x 600	70	FRIDGE +2°C to +10°C FREEZER -18°C to -25°C



**Our NEW
Freestanding LSC324**

The LSC324 is our largest fridge-freezer unit yet, offering a large 324 litre capacity in a space effective 600mm x 600mm footprint.

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COST EFFECTIVE & SIMPLE STORAGE ALTERNATIVES

Lec Medical offers a range of storage solutions compatible with selected models in our Laboratory refrigeration range, enabling you to manage the space inside the fridge effectively and safely.

MIX & MATCH

On-shelf organisers are all interchangeable and **Lec Medical can offer a bespoke service** to create the Laboratory refrigeration storage solution to best suit your needs.



Anti-bacterial Sit On Shelf Organisers

Our tough plastic shelf organisers are perfect for organising drugs and vaccines most effectively. They simply sit on existing fridge shelves.

Key Features

- ✓ 448mm wide x 350mm deep footprint – suitable for many Lec models or other units already in your laboratory
- ✓ Anti-bacterial plastic inhibits bacterial growth and minimises the risk of cross contamination
- ✓ Supplied with 17mm pre-drilled holes to maintain effective cooling airflow within the fridge
- ✓ Extra dividers available separately to compartmentalise contents



Sit On Shelf Organiser

	SKU Code	Dimensions W x D (mm)
Base Tray	444441879	448 x 350
Dividers	444441880	-

Suitable for the following models:



TEMPERATURE MAPPING



The Lec Medical data logger is a simple and reliable way of recording the temperature inside your Laboratory fridge over a period of time.



EASY TO SET UP

This USB compatible data recorder is a simple and cost effective way of recording temperature within all Laboratory refrigerators.

Simply plug the data logger into your PC and set the logging rate and start time.

Then place the unit on a shelf inside the fridge, shut the door, and the logger will record the temperature at the intervals you select (every 10 seconds up to every 12 hours).



EASY TO DOWNLOAD

We supply the logger with software, allowing the user to quickly and easily configure the unit to meet their requirements.

Simply plug the logger into any USB port on your computer and download the stored data.

You can use this data in many ways and it can be easily displayed as a graph, enabling you to quickly view the temperature history inside the fridge over time.



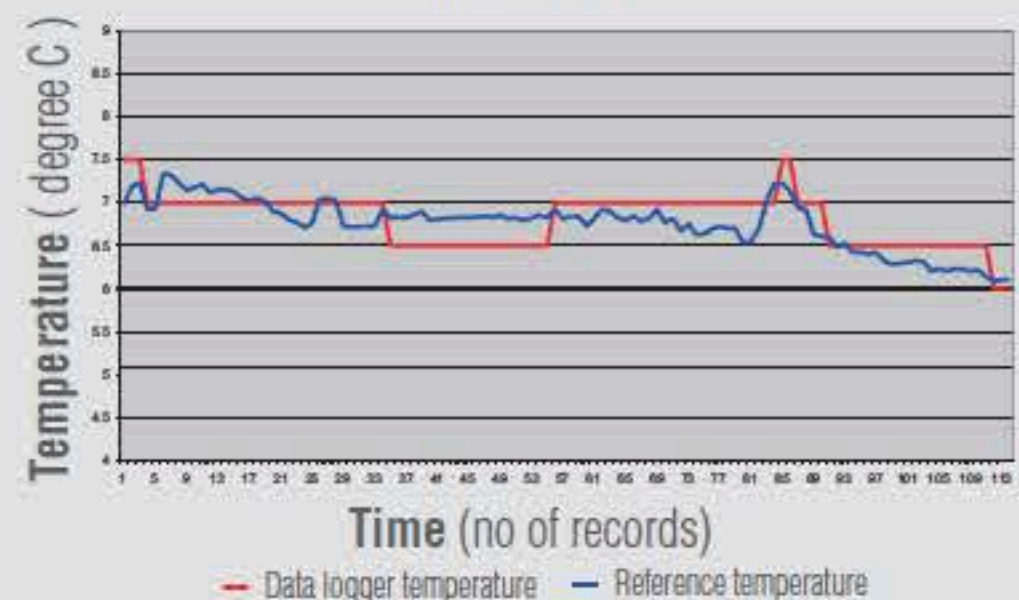
LONG LASTING

- ✓ The logger works in a wide temperature range from -35°C to $+80^{\circ}\text{C}$
- ✓ Large memory capacity - you can store up to 16,382 readings
- ✓ The Lec Medical data logger has an easy to replace lithium battery for regular or extended use



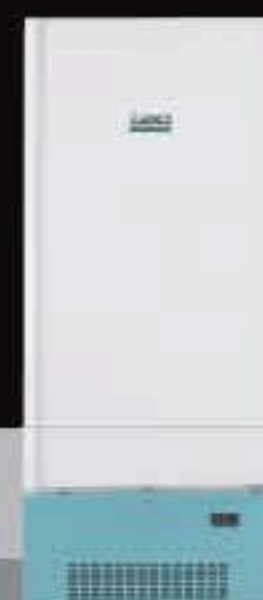
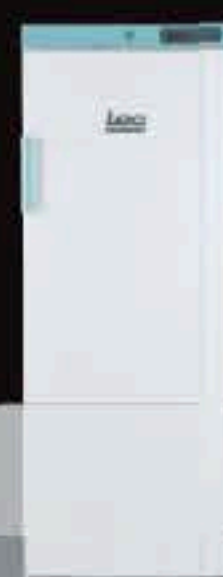
Lec Medical Data Logger	
Model Number	ATMDL01
SKU Code	444448729
Dimensions H x W x D (mm)	25 x 25 x 100
Measurement Range	-35°C to $+80^{\circ}\text{C}$
Accuracy	$\pm 1^{\circ}\text{C}$

Example Output



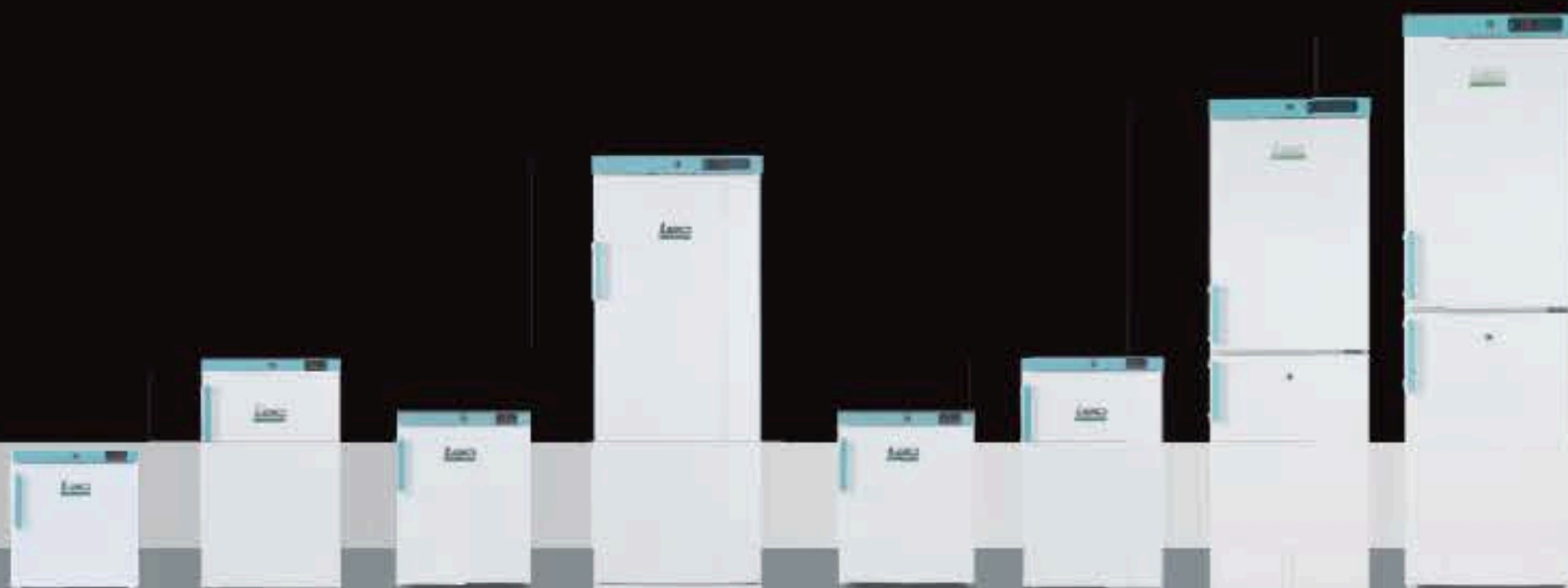
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DETAILED SPECIFICATIONS



Model No	LR207C	LR307C	LSR151UK	LSR288 UK	LR1607C
Description	Countertop	Under-counter	Under-counter	Freestanding	Freestanding
SKU code	444441799	444441800	444440964	444440966	444441801
EAN code	5034648485689	5034648493264	5052263009646	5052263009660	5034648485696
Gross capacity (L)	82	107	151	288	475
Net capacity (L)	67	103	145	284	441
External width (mm)	502	495	595	595	695
External depth (mm)	540	620	595	634	910
External height (mm)	660	830	845	1570	1688
Packed width (mm)	520	560	657	657	770
Packed depth (mm)	595	655	694	734	950
Packed height (mm)	675	850	872	1585	1810
Product weight (kg)	27.5	31.5	36	58	95
Packed weight (kg)	30.5	35	40	63	116
Country of origin	UK	UK	UK	UK	UK
Internal dimensions (wxdxh)	415x340x540	403x400x540	500x450x705 step 165(d)x185(h)	480x445x1382 step 175(d)x255(h)	550x670x1170
External finish	White	White	White	White	White
Internal finish	White	White	White	White	White
Type of plastic	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)
Temperature range	+2°C to +10°C	+2°C to +10°C	+2°C to +10°C	+2°C to +10°C	+2°C to +10°C
Colour	White/green	White/green	White/green	White/green	White/green
Door type	Solid	Solid	Solid	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, R/H only
Door open depth (mm)	976	1050	1165	1185	1596
Replacement door seal	No	No	No	No	No
Open door sensor	No	No	Yes	Yes	No
Lock	Yes	Yes	Yes	Yes	Yes
Adjustable feet (number & position)	No	2, front	2 adjustable feet 2 rear rollers	2 adjustable feet 2 rear rollers	Castors
Temperature display on panel	Yes	Yes	Yes	Yes	Yes
Temperature alarm	Yes	Yes	Yes	Yes	Yes
Number of shelves	2	2	3	5	5
Number of shelf positions	2	4	6	12	30
Shelf size (dxwxh) (mm)	2: 438x274x6	2: 427x374x6	3: 320x520x6	5: 340x497x6	5: 536x609x6
Shelf material	Wire	Wire	Wire	Wire	Wire
Moulded drawers	0	0	0	1 Solid	0
Adjustable door bins	0	0	2 Wire	4 Solid	0
Interior light	No	No	No	No	No
Fan	No	No	No	No	No
Spark free	Yes	Yes	Yes	Yes	Yes
Auto or manual defrost	Automatic	Automatic	Automatic	Automatic	Automatic
Controller type	Digital, external	Digital, external	Digital, external	Digital, external	Digital, external
Climate class	N	N	SN	SN	N
Refrigerant type	R134a	R134a	R600a	R600a	R134a
CFC free	Yes	Yes	Yes	Yes	Yes
HFC free	No	No	Yes	Yes	No
HCFC Free	Yes	Yes	Yes	Yes	Yes
UK 3 pin plug	Yes	Yes	Yes	Yes	Yes
Other plug types available	Yes	Yes	Yes	Yes	Yes
Voltage supply	230	230	230	230	230
Aux output	No	No	No	No	No
Insulation thickness (mm)	30	35	45	60	65
Insulation type	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Anti microbial handle	Yes	Yes	Yes	Yes	No










Model No	ISU27C	ISU37C	LSF151UK	LSF232UK	ISR27C	LSC119UK	LSC263UK	LSC324UK
Description	Countertop	Under-counter	Under-counter	Freestanding	Countertop	Under-counter	Freestanding	Freestanding
SKU code	444441802	444441803	444440968	444440970	444441804	444440972	444440973	444441790
EAN code	5034648485726	5034648493271	5052263009684	5052263009707	5034648485719	5052263009721	5052263009738	5052263017900
Gross capacity (L)	50	102	151	232	83.5	119	263	324
Net capacity (L)	38	87	134	212	77 Fridge 6.5 Freezer	106 Fridge 13 Freezer	159 Fridge 104 Freezer	190 Fridge 134 Freezer
External width (mm)	500	495	595	595	502	540	540	600
External depth (mm)	510	620	595	634	540	600	600	600
External height (mm)	562	830	845	1570	660	860	1680	1870
Packed width (mm)	520	560	657	657	620	602	597	657
Packed depth (mm)	595	655	694	734	595	639	684	734
Packed height (mm)	590	850	872	1585	675	877	1700	1885
Product weight (kg)	17	33	36	60	25	34	58	70
Packed weight (kg)	20	36.5	40	65	27	36	64	78
Country of origin	UK	UK	UK	UK	UK	UK	UK	UK
Internal dimensions (wxdxh)	345x330x365	414x415x683	500x450x705 step 165(d)x185(h)	432x430x1300 step 190(d)x255(h)	415x370x540	Fri 450x450x525 Fre 400x295x120 step 155(d)x225(h)	Fri 457x450x725 Fre 408x415x670 step 170(d)x220(h)	Fri 510x430x805 Fre 463x445x780 step 250(d)x260(h)
External finish	White	White	White	White	White	White	White	White
Internal finish	White	White	White	White	White	White	White	White
Type of plastic	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)	SRL800 (HIPS/ABS Mix)
Temperature range	-18°C to -20°C	-18°C to -20°C	-18°C to -25°C	-18°C to -25°C	Fri +2°C to +10°C Fre -6°C to -9°C	Fri +2°C to +10°C Fre -18°C to -25°C	Fri +2°C to +10°C Fre -18°C to -25°C	Fri +2°C to +10°C Fre -18°C to -25°C
Colour	White/green	White/green	White/green	White/green	White/green	White/green	White/green	White/green
Door type	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid
Door style	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible	Hinged, reversible
Door open depth (mm)	976	1050	1165	1185	976	1090	1110	1190
Replacement door seal	No	No	No	No	No	No	No	No
Open door sensor	No	No	Yes	Yes	No	Yes	Yes	Yes
Lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable feet (number & position)	No	1, front	2 adjustable feet 2 rear rollers	2 adjustable feet 2 rear rollers	2 adjustable feet 2 rear rollers	2 adjustable feet 2 rear rollers	2 adjustable feet 2 fixed rear	2 adjustable feet 2 rear rollers
Temperature display on panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of shelves	1	2	3 baskets	4 plastic drawers, 2 flaps	2	2	3 (fridge)	3 (fridge)
Number of shelf positions	Fixed	Fixed	Fixed	Fixed	Set	4	6	6
Shelf size (dxwxh) (mm)	-	-	-	-	1: 438x274x6 1: 438x137x6	1: 308x448x4.5 1: 200x448x4.5	3: 308x448x4.5	3: 320x505x6
Shelf material	Wire	Wire	Wire baskets	Wire baskets	Wire	Wire	Wire	Wire
Moulded drawers	0	0	0	4 solid	0	1 solid	2 solid (half) (fridge)	2 solid (half) (fridge)
Adjustable door bins	0	0	0	0	0	2 full + 2 half	2 full + 2 half	2 full + 4 half
Interior light	No	No	No	No	No	No	No	No
Fan	No	No	No	No	No	No	No	No
Spark free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto or manual defrost	Manual	Manual	Manual	Manual	Fridge: Automatic Freezer: Manual	Fridge: Automatic Freezer: Manual	Fridge: Automatic Freezer: Manual	Fridge: Automatic Freezer: Manual
Controller type	Digital, external	Digital, external	Digital, external	Digital, external	Digital, external	Digital, external	Digital, external	Digital, external
Climate class	N	N	SN	SN	N	SN	SN	SN
Refrigerant type	R134a	R134a	R600a	R600a	R134a	R600a	R600a	R600a
CFC free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HFC free	No	No	Yes	Yes	No	Yes	Yes	Yes
HCFC Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UK 3 pin plug	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other plug types available	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voltage supply	230	230	230	230	230	230	230	230
Aux output	No	No	Yes	Yes	No	Yes	Yes	Yes
Insulation thickness (mm)	30	35	45	60	30	45	60	60
Insulation type	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Anti microbial handle	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

LEC MEDICAL

LOW AND ULTRA LOW TEMPERATURE REFRIGERATION

Our low temperature chest freezers can store contents down to -45°C . Available in three sizes, they are ideal for use in all environments requiring low temperature storage.

Key features

-  Roller castors for ease of movement and positioning
-  Galvanised pre-painted steel construction
-  Internal and external temperature alarm
-  Integrated lock to prevent unauthorised access
-  Battery back-up in the event of power failure

Our Low Temperature Freezers use R404 Refrigerant



CLT140 Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
CLT140	444440160	Gross 140 Net 133	ext 885 x 720 x 600 int 650 x 560 x 440	55	-10°C to -45°C



CLT296 Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
CLT296	444440161	Gross 296 Net 284	ext 885 x 1260 x 600 int 650 x 1100 x 440	76	-10°C to -45°C



CLT383 Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
CLT383	444440162	Gross 383 Net 368	ext 885 x 1560 x 600 int 650 x 1400 x 440	88	-10°C to -45°C

Lec Medical low and ultra low temperature Laboratory freezers come in a choice of temperature ranges, which are designed for trustworthy and safe medium term storage of chemicals and samples. Both chest and upright styles are available, and all models are spark free to further ensure protection of both the contents and everyone around them.



High Visibility External Display

Easy to read and monitor internal temperatures without opening the unit

Warning Alarm

Audible and visual alarm system operates independently from the control and regulation system

Temperature Control

Specially designed internal evaporator ensures temperature accuracy and stability with a +/-1°C thermal gradient

Temperature Precision

Microprocessor controlled temperature regulation system for accuracy

Security

Stainless steel internal lock
Lockable service door



LEC MEDICAL

LOW AND ULTRA LOW TEMPERATURE REFRIGERATION

Our Low temperature freezers use R404 refrigerant



ULT341 Low Temperature Laboratory Freezer					
Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
ULT341	444448399	340	ext 1985 x 765 x 900 int 1350 x 530 x 450	243	-20°C to -40°C

ULT531 Low Temperature Laboratory Freezer					
Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
ULT531	444448400	500	ext 1985 x 1015 x 900 int 1350 x 530 x 700	293	-20°C to -40°C



Please note that these products are large, bulky items. Please ensure that all doorways etc can accommodate the unit and packaging before ordering. All the models on pages 22 and 23 are made to order and delivery will usually take between 6 and 8 weeks.



CLT111 Low Temperature Laboratory Freezer					
Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
CLT111	444446463	110	ext 1080 x 730 x 850 int 450 x 560 x 450	175	-20°C to -40°C

Our Ultra Low temperature freezers use mixed refrigerants



ULT342 Ultra Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
ULT342	444447578	340	ext 1985 x 765 x 900 int 1350 x 530 x 450	260	-40°C to -85°C

ULT532 Ultra Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
ULT532	444447608	500	ext 1985 x 900 x 1015 int 1350 x 530 x 700	330	-40°C to -85°C



CLT112 Ultra Low Temperature Laboratory Freezer

Model Number	SKU Code	Capacity (litres)	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Freezer
CLT112	444448288	110	ext 1080 x 850 x 730 int 450 x 560 x 450	205	-40°C to -85°C

Other options for these products are available on request, which should be requested at the point of order:

- 7 day temperature chart recorder with circular chart (-90°C/+10°C range), mains powered with battery back-up
- Mains failure alarm
- CO2 back-up
- Portholes 23mm diameter
- Back-up refrigeration system
- Water cooled condensing unit
- Storage racking system
- Extra storage racks (CLT111 and CLT112 only)
- Extra shelves and sliding drawers (ULT341, ULT342, ULT531 and ULT532 only)



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