

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

R600a 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

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Our NEW advanced controller explained

- ✓ Now you can set 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



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LABORATORY FRIDGES

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.

Efficient Under-counter Height
FULL HEIGHT OF UNIT 845MM

New Advanced Controller
Manage the internal temperature and record 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
Enables 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

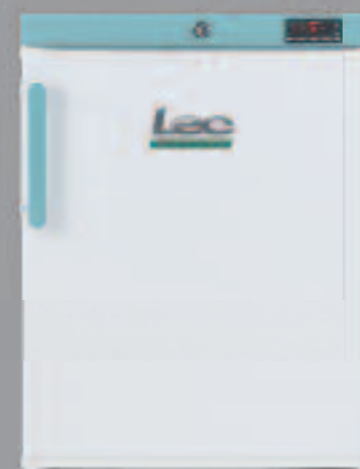
Our NEW Undercounter LSR151

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

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



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

FREESTANDING REFRIGERATION



LR1607C Freestanding Laboratory Refrigerator

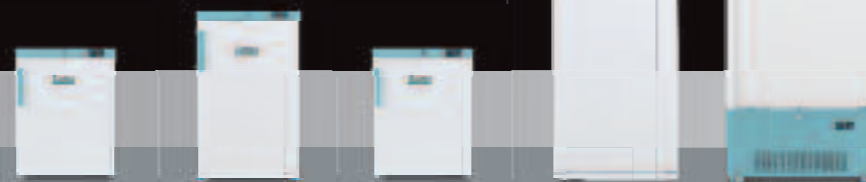
Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LR1607C	444441801	475 litres	1688 x 695 x 910	95	+2°C to +10°C

LSR288 Freestanding Laboratory Refrigerator

Model Number	SKU Code	Gross Capacity	Dimensions H x W x D (mm)	Weight (kg)	Temperature Range Fridge
LSR288	444440966	288 litres	1570 x 595 x 634	58	+2°C to +10°C

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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	103	36	58	95
Packed weight (kg)	30.5	107	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 77 Fridge 6.5 Freezer	119 106 Fridge 13 Freezer	263 159 Fridge 104 Freezer	324 190 Fridge 134 Freezer
Net capacity (L)	38	87	134	212	80.5	117	245	302
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 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 baskets, 2 fixed 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	No	No	No	No	No	No
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



Wolflabs

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk



Use the above details to contact us if this literature doesn't answer all your questions.

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.

