



The experts in **Medical Refrigeration**





Visit our website
to see the full
range of products
available.

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Choosing the Right Medical Fridge

When selecting a medical fridge, it's important to consider what will be stored, who will need access, and how tightly temperature must be controlled. Different clinical environments have specific requirements, from pharmacy storage to neonatal care, and choosing the right model ensures safe, compliant storage at all times.

Here's how our range aligns with different storage requirements.

Temperature range

All our products have their own distinct temperature range, calculated to maintain safe and stable conditions for the products being stored:

- **Pharmacy Plus** +2° to +8°
- **Laboratory Plus** +2° to +10°
- **Neonatal** +2° to +4°
- **Ward** +1° to +4°

Pharmacy Plus

For the storage of human medicines and vaccines, botulinum toxins used in injectable cosmetic procedures and veterinary medicine products.

Neonatal Fridges

For the storage of breast milk on neonatal wards, operating within the tight temperature range of +2° to +4°.

Laboratory Plus

For the storage of volatile substances like scientific and medical samples and specimens.

Ward Fridges

For the storage of medically subscribed nutritional products, including high-calorie liquid meals and protein supplements.



Who we are

At Lec Medical, we've been leading the way in medical refrigeration since the 1940s – growing to become a trusted UK market specialist.

Medical professionals rely on us to provide safe and energy efficient temperature-controlled refrigeration for use across a wide range of settings.

From pharmacies to laboratories and hospital wards, our equipment provides reliable refrigeration for key medical items – including medicines, vaccines, breastmilk and more.



Why work with us?

With every decade that's passed at Lec Medical, we've continued to surpass our own high standards. Here are just a few reasons to choose us for medical refrigeration:

Our range is designed and developed in the UK to the highest quality standards.

Because we're so confident in our product quality, we offer a free 5-year parts and labour warranty*, with no complex registration required.

*UK only on selected models

Our award-winning customer help team is on-hand 5 days a week, so if you have a problem with one of our units we can quickly resolve it.

We take our environmental responsibility seriously, opting for the most eco-friendly gases where possible to make our units more energy efficient.

Pharmacy Range

Providing greater accuracy for the safe storage of vaccines and medicines.

According to Public Health, "Vaccines cost the NHS around £200 million a year. The loss of only one dose of Pediacel vaccine a month in each general practice would cost an estimated £4 million a year." Guidelines are getting stricter – that's why our pharmacy range is here to help you safeguard the contents of your medical fridge. Our reliable system is designed to provide greater accuracy when measuring the temperatures inside your fridge, providing you with the true temperature of the vaccine, rather than just the air temperature of the unit.



Helping you measure what matters



Dual probe

The Control Range comes with both an air temperature probe and a secondary probe to measure the vaccine temperature, so you always get the true temperature of your vaccines.



Built-in warning system

Thanks to the unit's built-in warning system, you'll be alerted to any temperature fluctuations that can impact the safety of your vaccines.



Advanced controller

The external temperature controller makes it easier to manage the internal temperature, allowing you to monitor minimum and maximum settings at the touch of a button.



Antimicrobial handle

Minimise the potential of cross contamination and prevent the growth of harmful bacteria near your vaccines thanks to the carefully designed antimicrobial handle.



Optimal airflow

With adjustable wire shelves inside the units, you can vary positioning for maximum storage capacity, while ensuring air flows freely throughout.



Unique Digilock

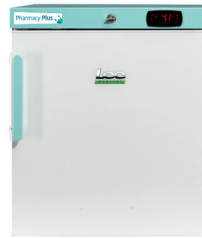
Unique to Lec Medical and featured on select pharmacy models, our innovative Digilock feature ensures only authorised staff have access to the vaccines and medicines in your fridges, bringing peace of mind.

Pharmacy products at a glance



PESR47DC-UK
444411286

- 47L countertop pharmacy fridge with solid door
- Controlled temperature range of +2°C to +8°C
- External digital controller
- Fitted lock
- Flexible storage options



PPSR47BT-UK
444411305

- 47L countertop pharmacy fridge with solid door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



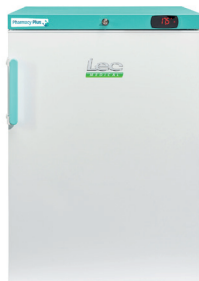
PPGR47BT-UK
444411306

- 47L countertop pharmacy fridge with glass door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR158BT-UK
444411308

- 158L undercounter pharmacy fridge with solid door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR158BT-DWP
444411387

- 158L undercounter pharmacy fridge with solid door and drawer pack
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR158BT-DLK
444411389

- 158L undercounter pharmacy fridge with solid door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR158BT-UK 444411309

- 158L undercounter pharmacy fridge with glass door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR158BT-DWP 444411388

- 158L undercounter pharmacy fridge with glass door and drawer pack
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR158BT-DLK 444411390

- 158L undercounter pharmacy fridge with glass door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR158BT-LHH-UK
444411310

- 158L undercounter pharmacy fridge with glass door - left hand hinged
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR310BT
444411313

- 310L upright pharmacy fridge with solid door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR310BT-DLK
444411391

- 310L upright pharmacy fridge with solid door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR310BT
444411314

- 310L upright pharmacy fridge with glass door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR310BT-DLK
444411392

- 310L upright pharmacy fridge with glass door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR310BT-LHH
444411315

- 310L upright pharmacy fridge with glass door - left hand hinged
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR400BT 444411317

- 394L upright pharmacy fridge with solid door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPSR400BT-DLK 444411396

- 394L upright pharmacy fridge with solid door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



PPGR400BT 444411316

- 394L upright pharmacy fridge with glass door
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring





PPGR400BT-DLK
444411395

- 394L upright pharmacy fridge with glass door and Digilock
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring



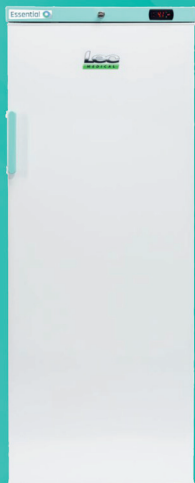
PPGR400BT-LHH
444411318

- 394L upright pharmacy fridge with glass door – left hand hinged
- Controlled temperature range of +2°C to +8°C
- Bluetooth and Lec Medical smartphone app compatibility
- Intelligent fan management system
- Dual probe temperature monitoring

Ward Range

Safe refrigeration for FSMPs and oral nutritional supplements in wards.

With a variety of units and sizes available, the Lec Medical ward range has been built with you and your ward in mind. Security and cross-contamination prevention features keep you in complete control ensuring that all Foods for Special Medical Purposes (FSMPs) such as Oral Nutritional Supplements (ONS), and other ward items are accurately stored at the right temperature, always.



Keeping you in control



Antimicrobial handle

Minimise the potential of cross-contamination and prevent the growth of harmful bacteria near your items thanks to the carefully designed antimicrobial handle.



Advanced controller

The external temperature controller makes it easier to manage the internal temperature, allowing you to monitor minimum and maximum settings at the touch of a button.



Optimal airflow

Specially designed wire shelves and door furniture allow cold air to circulate freely within the cabinet, protecting the contents within.



Secure fitted lock

Maintain complete security and prevent unauthorised access with a lock fitted as standard.



Space-effective

Our ward range has been designed with your space in mind, either fitting neatly under work benches or having fitted rear rollers to enable swift movement when required.



Ward products at a glance



WSR158DC
444411385

- 158L undercounter ward fridge with solid door
- Controlled temperature range of +1°C to +4°C
- External digital controller
- Fitted lock
- Flexible storage



WSR310DC
444411386

- 310L upright ward fridge with solid door
- Controlled temperature range of +1°C to +4°C
- External digital controller
- Fitted lock
- Flexible storage

Neonatal Range

A refrigeration range, expertly designed for the safe storage of breast milk.

The correct storage of breast milk is essential to preserve its nutritional, immunological and antioxidant qualities. That's why our neonatal range has been uniquely designed to meet globally recognised guidance on the optimum conditions for storage – accepted by The UNICEF Baby Friendly Network, The Breastfeeding Network, and The Centers for Disease Control and Prevention (CDC), among others.

Combined with our innovative Digilock feature, our neonatal products uphold the highest standards of safety and security.



Smart technology, smart safety

Neonatal



Precise temperature control

Neonatal fridges operate within an extremely tight temperature range of +2°C to +4°C. Our fridges ensure you adhere to this strict range, maintaining maximum lifespan and safety of frozen breast milk.



Patient-centred storage

Our range offers unique organisational features to make the storage of breast milk simpler and safer – including slide-out drawers, dividers and smaller compartments to keep individual patients' milk separate.



Temperature accuracy

Our range features our pioneering dual probe monitoring system. The first probe monitors internal temperature, while a second probe sits within a silicon oil formulated to mimic the breast milk stored inside – bringing greater accuracy and assurance.



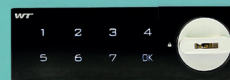
Smart app-enabled

Our fridges come with a Bluetooth-enabled controller for contactless local temperature monitoring and reporting. Fridge temperature reports can be instantly accessed via the official Lec Medical app.



Unique Digilock

Unique to Lec Medical, our innovative Digilock feature ensures only authorised staff have access to the breast milk stored in your fridge or freezer, bringing peace of mind to staff and nursing mothers.





Neonatal products at a glance

Neonatal



NSR158BT
444411377

- 158L undercounter neonatal fridge with solid door and Digilock
- Controlled temperature range of +2°C to +4°C
- Integrated drawers
- Bluetooth-enabled local temperature monitoring and compatibility with Lec Medical smartphone app for easy access to data



NSR47BT
444411376

- 47L countertop neonatal fridge with solid door and Digilock
- Controlled temperature range of +2°C to +4°C
- Shelf dividers
- Bluetooth-enabled local temperature monitoring and compatibility with Lec Medical smartphone app for easy access to data



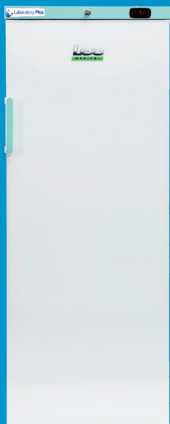
NSF39BT
444411375

- 39L countertop neonatal freezer with solid door and Digilock
- Controlled temperature range of -18°C to -25°C
- Spark free
- Bluetooth-enabled local temperature monitoring and compatibility with Lec Medical smartphone app for easy access to data

Laboratory Range

Developed for reliable cold storage of critical research samples.

The Lec Medical laboratory range provides secure and reliable refrigerated storage of a variety of temperature-sensitive items essential for research, medical, and industrial purposes, ensuring optimal conditions to maintain their integrity and efficacy. All our laboratory fridges operate at a temperature of 2°C to 10°C and our freezers operate at -18°C and below – the optimal temperatures for safe storage. And with a host of other features designed to make using this equipment convenient in your laboratory space, you can count on this reliable range, every time.



Secure and reliable storage



ATEX-approved

Most of our laboratory range is now ATEX-approved. The internal chamber is classed as zone 2 – just look out for the ATEX symbol.



Spark free

All Lec Medical laboratory fridges and freezers are spark free – for optimal safety conditions in your lab space.



Energy efficient

Many models in our new range use R600a refrigerant, which is designed to bring more efficiency and lower running costs to the cooling system – and be kinder to the environment too.



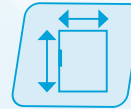
Advanced controller

The integral controller makes it easier to manage minimum and maximum temperatures, and set the warning alarm system at the touch of a button.



Optimal airflow

Specially designed wire shelves and door furniture allow cold air to circulate freely within the cabinet, protecting your vital products inside.



Space-effective

Much of our laboratory range has been designed with your space in mind, either fitting neatly under work benches or having fitted rear rollers to enable swift movement when required.

Laboratory fridge products at a glance



LSFSR47DC-UK
444411348

- 47L countertop laboratory fridge with solid door
- Controlled temperature range of +2°C to +10°C
- External digital controller
- Fitted lock
- Spark free



LSFSR158BT-UK
444411358

- 158L upright laboratory fridge with solid door
- Controlled temperature range of +2°C to +10°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free
- Flexible storage options



LSF3R310BT-UK
444411360

- 310L upright laboratory fridge with solid door
- Controlled temperature range of +2°C to +10°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free
- Flexible storage options



LSF3R400BT
444411364

- 400L upright laboratory fridge with solid door
- Controlled temperature range of +2°C to +10°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free
- Flexible storage options

Laboratory freezer products at a glance



LSFSF39DC-UK
444411346

- 39L countertop laboratory freezer with solid door
- Controlled temperature range of -18°C to -25°C
- External digital controller
- Fitted lock
- Spark free



LSFSF98BT-UK
444411352

- 98L upright laboratory freezer with solid door
- Controlled temperature range of -18°C to -25°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free



LSFSF242BT-UK
444411362

- 242L upright laboratory freezer with solid door
- Controlled temperature range of -18°C to -25°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free



LSFSF312BT-UK
444411366

- 312L upright laboratory freezer with solid door
- Controlled temperature range of -18°C to -25°C
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free



Laboratory combi products at a glance



LSFSC138DC
4444411368

- 138L undercounter laboratory fridge/freezer with solid door
- Controlled temperature range of +2°C to +10°C (fridge) and -18°C to -25°C (freezer)
- External digital controller
- Integrated lock
- Spark free

Essential 



LSFSC280BT
4444411369

- 280L Laboratory Plus Upright Fridge-Freezer with solid doors
- Controlled temperature range of +2°C to +10°C (fridge) and -18°C to -25°C (freezer)
- Bluetooth and Lec Medical smartphone app compatibility for contactless monitoring and easy access to data
- Spark free
- Flexible internal storage

Data Loggers and Temperature Measuring

Systems specifically designed for controlled storage and testing environments.

Our range of data loggers are able to measure temperatures ranging from -40°C to 125°C , with some models able to measure humidity too – making them ideal for laboratory testing environments.

As independently powered data loggers are recommended in the Green Book, Chapter 3, our range can help you comply with monitoring legislation in fridges and freezers, incubators in hospitals, pharmacies, laboratories, and bloodbanks.



Delivering unparalleled accuracy



Store data

Download data using the USB connection directly to your PC, or transmit the temperature data wirelessly with the new WIFIGP+.



Proactive alerts

Valuable samples and medication are protected against damage or contamination with the handy proactive alert system.



Compliance guaranteed

The full system is MHRA and CPA-compliant, with a full validation package available to include full IQ and OQ.



A complete system

With no hidden software upgrades or validation costs required, you can rely on the complete system again and again.



Data Loggers at a glance



**ATMDL-LCD
Data Logger**
4444442167

- Works in temperatures from -35°C to +80°C
- Accurate to 0.5°C
- Holds up to 16,385 temperature readings
- Logs the surrounding temperature



**LM ATMDL01
Data Logger**
4444448729

- Works in temperatures from -35°C to +80°C
- Accurate to 1°C
- Holds up to 16,385 temperature readings
- Logs the surrounding temperature



ATMDL-LCD with Calibration

444442737

- Works in temperatures from -35°C to +80°C
- Accurate to 0.5°C
- Holds up to 16,385 temperature readings
- Logs the surrounding temperature



ATMDL-LCDGP Data Logger

444444352

- Works in temperatures from -40°C to +125°C
- Holds up to 32,000 temperature readings
- Logs rates between 1 second and 12 hours
- High-contrast LCD

Portable Coolers

For the safe storage of vaccines on the move.

Our Portable Coolers range enables you to safely and securely store vaccines wherever you are, keeping your contents at the required temperature during transportation. Our range can hold temperatures between 2°C & 8°C for between 17 and 30 hours.



Portable Coolers products at a glance



**VCP18UK 18L
Portable Cooler**
444410883

- Works in temperatures from +2°C to +8°C
- Typical vaccine storage of 12-13L
- Aluminium heat preserving foil lining



**VCP8UK 8L
Portable Cooler**
444410882

- Works in temperatures from +2°C to +8°C
- External LED temperature display
- Typical vaccine storage of 2.5-3L

The Lec Medical App: smarter temperature monitoring

With current guidance stating that fridge temperatures should be recorded a minimum of twice a day and data kept for 5 years, we spotted a need for a solution that simplifies this process and saves you time: the Lec Medical App.

The benefits:

- Remote monitoring of air temperatures of connected devices
- Remote monitoring of load temperatures of connected devices
- Downloadable temperature and alarm history reports
- Real-time notifications of power failures, temperature fluctuations and humidity changes
- Continuous temperatures recording, even in the event of power outage



Coming
soon

Staff Room Refrigeration

Providing the perfect food storage solution.

Our new range of staff room fridges has been designed to offer the perfect food storage solution, with the additional benefit of a two-year commercial warranty. Choose between a range of sizes – from 47-litres for areas with limited space, to spacious 310-litre models. Also available in the range is a fridge freezer, offering the flexibility of 182-litres of fridge space and 84-litres of freezer space.



Fridge dimensions at a glance

Whether you're fitting out a clinic, pharmacy or laboratory, understanding the precise footprint of your cold storage equipment is essential. This mini guide outlines the key Lec Medical fridge dimensions, so you can plan with confidence and choose the model that best suits your space and storage needs.



Depth: 210mm

Portable Cooler
8L



Depth: 310mm

Portable Cooler
18L



Depth: 445mm

Countertop
39L / 47L



Depth: 600mm

Undercounter
98L / 138L / 158L



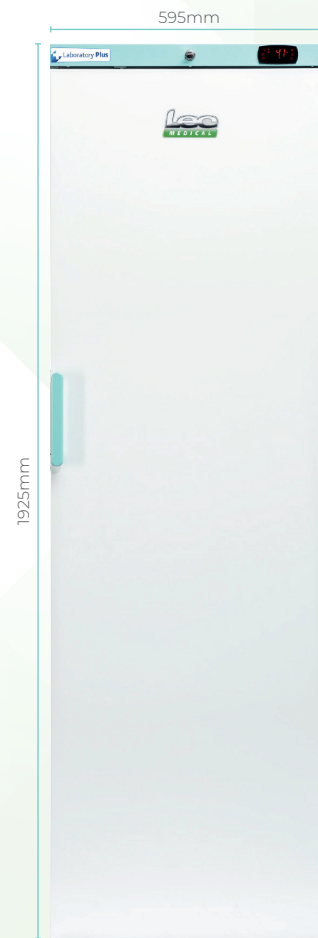
Depth: 600mm

Upright
242L / 310L



Depth: 600mm

Upright
280L



Depth: 600mm

Upright
312L / 400L

