



Esco Laboratory Refrigerators

Precise temperature control, safe and stable, ensuring the protection of your samples



Esco laboratory refrigerators are ideal for storing routine reagents and samples in biological and chemical laboratories. Their intelligent temperature control design, coupled with a comprehensive alarm system, ensures the safety and quality of stored samples.

A unique high-temperature anti-condensation feature allows clear observation of contents inside the cabinet, even in challenging environmental conditions. This is especially beneficial for labs needing easy access to visual inspection without compromising sample integrity.

With a low-noise, energy-efficient design, these refrigerators provide a user-friendly experience, supporting labs in maintaining a pleasant environment while ensuring full protection of stored contents.



Product Features



Precise Temperature Control for Sample Protection

- Air cooling system maintains stable, uniform temperatures.
- Upgraded evaporator prevents ice buildup for consistent performance.



Multi-layered Safeguard Mechanisms

- Real-time alarms for complete monitoring.
- Backup battery ensures protection during power outages.
- Built-in data recording for traceable temperature tracking.



Eco and User-Friendly Operation

- CFC-free, variable frequency technology is eco-friendly efficiency.
- Smooth casters for easy movement.
- Quiet operation for a focused lab environment.



Easy Operation, Clear, and Intuitive

- Universal, user-friendly interface for all users.
- Microcomputer system for precise, hands-free temperature control.



Crafted Design for Flexible Storage

- Six adjustable shelves for customizable storage.
- Smooth interior for easy cleaning.
- Double-glazed doors for stable, energy-efficient insulation.

Esco Laboratory Refrigerator Model Guide

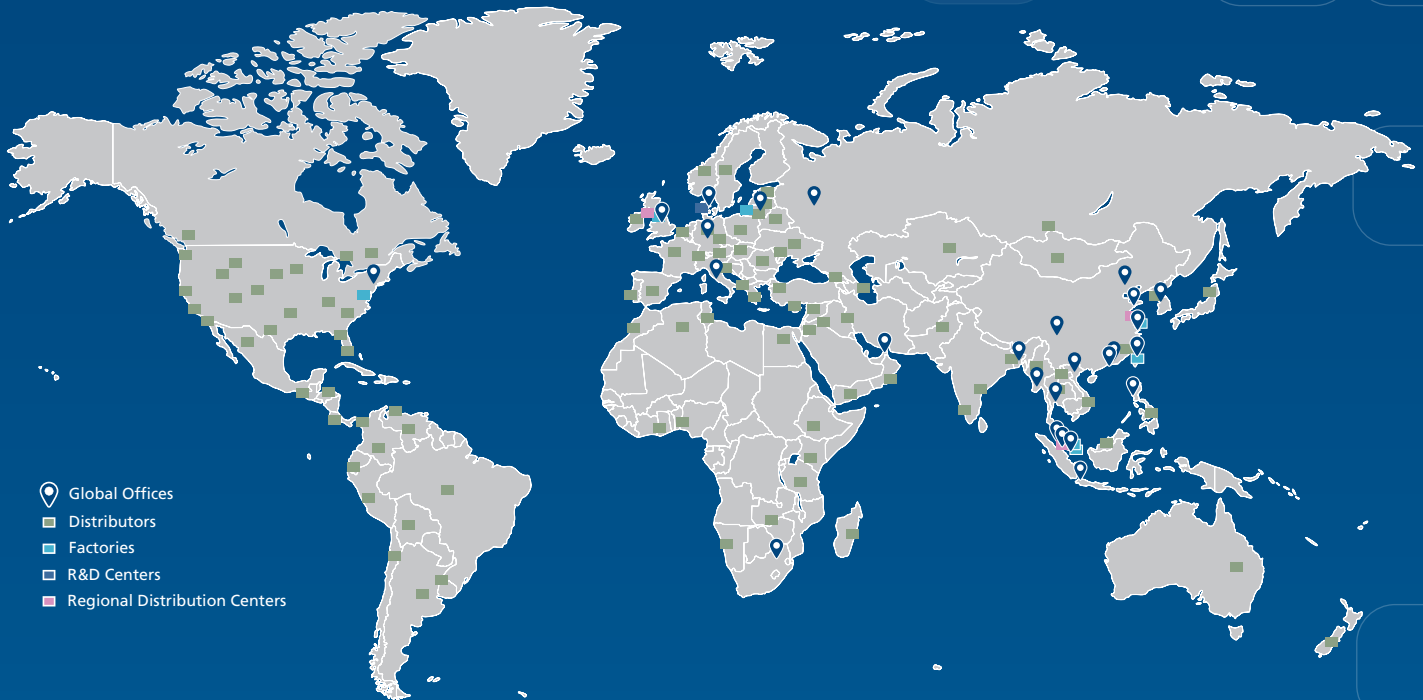
Type	Code	Volume	Code	Controller	Code	Power Type	Code
Laboratory Refrigerator	LR	398L	400	Standard Controller	S	220-240 VAC, 50/60 Hz	8
		740L	660				
		1386L	1380				

Laboratory Refrigerator Series

Model	LR-400S-8	LR-660S-8	LR-1380S-8
Item Code	2229990	2229989	2229988
Temperature Setting Range	+2 to +15 °C		
Temperature Uniformity	≤ ±1.5 °C		
Ambient Temperature and Humidity	10°C ~ 38°C, < 85%RH		
Main Body Material	Electrogalvanized Steel		
Interior Material	Stainless Steel, SUS304		
Airflow System	Forced Air Cooling		
Door Lock System	Password Lock (Optional Dual Lock)		
Door Body	1 Heated Glass Door	2 Heated Glass Door	2 Heated Glass Door
Casters	4 Casters, 2 Leveling Feet		
Lighting Power (W)	6	12	12
Floor Area (m²)	0.46	0.73	1.26
Noise Level < dB (A)	40	45	48
Shelf Load (kg)	30		
Number of Shelves/Basket	5 Shelves/1 Basket	12	12
Data Export	USB Interface		
Data Printing	Dot Matrix Printer (Optional)		
Alarm/Safety Functions	High/Low Temperature, Power Failure, Low Battery, Door Open Timeout, Sensor Fault		
Net Weight (kg)	129	190	250
Shipping Weight (kg)	157	223	293
External Dimensions (W x D x H)	670 x 720 x 1970 mm	1100 x 710 x 1970 mm	1440 x 920 x 1970 mm
Internal Dimensions (W x D x H)	570 × 549 × 1320	1000 × 500 × 1590	1340 × 710 × 1530
Shipping Dimensions (W x D x H)	835 x 826 x 2171 mm	1230 x 800 x 2170 mm	1575 x 980 x 2170 mm

*For scientific and industrial use only, not for medical, clinical or diagnostic use

ESCO LIFESCIENCES GROUP
42 LOCATIONS IN 21 COUNTRIES ALL OVER THE WORLD



- 📍 Global Offices
- Distributors
- Factories
- R&D Centers
- Regional Distribution Centers

*Follow us on social media, download our apps,
and scan the QR code for more info.*



@EscoLifesciences



@EscoLifesciences



@EscoLifesci



@Esco



@EscoLifesciences



@EscoLifesciences



Esco Lifesciences



Esco Lifesciences

ESCO
LIFESCIENCES GROUP

Esco Micro Pte. Ltd. • 19 Changi South Street 1 • Singapore 486 779
Tel +65 6542 0833 • Fax +65 6542 6920 • mail@escolifesciences.com
www.escolifesciences.com

Esco Technologies, Inc. • 903 Sheehy Drive, Suite F, Horsham, PA 19044, USA
Tel: +1 215-441-9661 • Fax 484-698-7757
eti.admin@escolifesciences.com