

Laboratory Refrigerator

Excellent structure to meet stringent international standard



Structural Functional Features

- Stable temperature control with excellent insulation and sealing structure.
- Clean construction with no condensation on outer walls.
- Interior has excellent corrosion resistance as made of stainless steel.
- Magnetic packing door with smooth opening and closing.
- Casters for easy movement / installation. (except for 70, 150 model)
- Space-efficient configuration with double stackable. (only for 70, 150 model)
- Auto defrost function eliminates the need for separate defrosting.

Use Convenience Features

- Stable control with Lab Companion's exclusive controller.
- Easy to use with clear VFD and touch key.
- Simultaneously displays set temperature and actual temperature.
- Calibration function minimizes temperature difference.
- Height-adjustable and strong shelf provided as standard.
- Built-in fluorescent lamps. (except for 150 model)
- Glass door model for easy storage status checking.
- Convenient connecting external devices through Ø50 mm cable port. (option) (except for 70,150 model)



Intuitive checking of device operation information with large VFD



Door key lock



Outstanding Safety

- The 850 and 1400 model are equipped with two refrigeration systems to maintain temperature even in the event of a single refrigeration system failure.
- Temperature deviation notification. (Hi & Low Temperature)
- Malfunction prevented by controller lock function.
- Door lock with key as standard.
- Enhanced security with digital door lock. (only CLG3)
- Notification function when the door is open for a long time.



Drawer Shelf

Satisfies The Requirements For Safe Cold Storage Of Pharmaceuticals

- Temperature fluctuation and variation meets the requirements of ICH Guideline Q1A. (R2)
- Stable temperature control for long-term operation.



Wire Shelf

Accessories Provided For Convenient Use

- Monitor via mobile app anytime, anywhere with LC Connected. (mobile monitoring system) (when purchased LC GreenBox, Only CLG3-70)
- Voice alarm system transmits voice messages to designated phone if there is an abnormality in operation. (option)
- Convenient use with drawer type shelf. (option)
- Selection of various temperature recorders. (option) (Dot, Chart, Thermal Line)



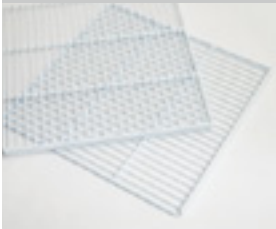
Digital door lock (CLG3 model)

Specification

Model	Solid door	-	CLG-150S	CLG-300S	CLG-650S	CLG-850S	CLG-1400S
	Glass door	CLG3-70	CLG-150G	CLG-300G	CLG-650G	CLG-850G	CLG-1400G
Temperature range (°C / °F)		2 to 10 / 35.6 to 50	2 to 10 / 35.6 to 50	2 to 10 / 35.6 to 50	2 to 10 / 35.6 to 50	2 to 10 / 35.6 to 50	2 to 10 / 35.6 to 50
Chamber volume (L / cu ft)		73 / 2.6	156 / 5.5	303 / 10.7	603 / 21.3	805 / 28.4	1327 / 46.9
Dimension							
Interior (W x D x H, mm / inch)		418 x 440 x 400 / 16.5 x 17.3 x 15.7	550 x 580 x 490 / 21.7 x 22.8 x 19.3	550 x 550 x 1000 / 21.7 x 21.7 x 39.4	650 x 640 x 1450 / 25.6 x 25.2 x 57.1	750 x 740 x 1450 / 29.5 x 29.1 x 57.1	1430 x 640 x 1450 / 56.3 x 25.2 x 57.1
Exterior (W x D x H, mm / inch)		522 x 600 x 725 / 20.6 x 23.6 x 28.5	683 x 791 x 870 / 26.9 x 31.1 x 34.3	670 x 770 x 1515 / 26.4 x 30.3 x 59.6	770 x 865 x 1965 / 30.3 x 34.1 x 77.4	870 x 965 x 1965 / 34.3 x 38 x 77.4	1550 x 865 x 1965 / 61 x 34.1 x 77.4
Net weight (Kg / lbs)		67 / 147.7	100 / 220.5	130 / 286.6	210 / 463	260 / 573.2	350 / 771.6
Shelf							
Quantity of wire shelf (standard/max.)		2 / 3	2 / 6	3 / 11	3 / 17	3 / 17	6 / 34
Quantity of wire shelf (slide) (max.)		3	4	7	11	11	22
Quantity of drawer shelf (slide) (max.)		2	3	5	8	8	16
Load per shelf (kg / lbs)		30	26	26	30	30	30
Fluorescent lamp		4.2W, 1ea	-	18W, 1ea	18W, 1ea	32W, 1ea	32W, 1ea
Electrical requirements (230V, 60Hz, A)		1.1	2	2.3	4	5	6
Cat. No.	Solid door	-	AAHE1001K	AAHE1011K	AAHE1021K	AAHE1031K	AAHE1041K
	Glass door	AAHE1301K	AAHE1101K	AAHE1111K	AAHE1121K	AAHE1131K	AAHE1141K
Electrical requirements (230V, 50Hz, A)		1.1	2	2.3	4	5	6
Cat. No.	Solid door	-	AAHE1002K	AAHE1012K	AAHE1022K	AAHE1032K	AAHE1042K
	Glass door	AAHE1302K	AAHE1102K	AAHE1112K	AAHE1122K	AAHE1132K	AAHE1142K
Electrical requirements (120V, 60Hz, A)		2.9	4	4.5	5	5.2	9.5
Cat. No.	Solid door	-	AAHE1003U	AAHE1013U	AAHE1023U	AAHE1033U	AAHE1043U
	Glass door	AAHE1303U	AAHE1103U	AAHE1113U	AAHE1123U	AAHE1133U	AAHE1143U

Accessories

Wire Shelf



- Provides uniform temperature conditions throughout the storage area thanks to space between wires.

Remote Alarm



- When a device malfunctions, a voice message is transmitted to the users.

Drawer Shelf (Slide)



- The drawer shelf of a rigid steel plate makes easy to handle storage inside.

Wire Shelf (Slide)



- Wire type with good airflow, and convenient to use as drawer type.

Recorder with Sensor (Chart)



- 24/7 circular chart recorder.
- Easy replacement of the recording paper.
- Independent sensor that are separate from the product.

Recorder with Sensor (Thermal Line)



- Graph/Digital mode.
- Thermal-type temperature recorder.
- Independent sensor that are separate from the product.

Recorder with Sensor (Dot)



- Up to 6 channels supported.
- Set recording range and speed.
- Paper width: 1000mm.
- Independent sensor that are separate from the product.

Stand with Caster



- Convenient use of small devices.
- Easy to move/fix with casters.

Electric Socket



- Power supply for AC 230V.
- Includes cover as standard.