Refrigerator

SMART-Lab™
Laboratory
Blood bank
Pharmaceutical

NEW

Anytime - Anywhere
connected laboratory

SMART-Lab™ controller

7" touch screen

WiRe™ App service (remote control)

push alarm service

and many more...

Door locking system

for safe storage of all probes

Forced-air refrigeration
superior temperature

Auto-defrost system

Shelves

easy storage and classification of samples in the refrigerator

convenient for cleaning and maintenance processes due to PTFE-coating

Castors for easy movement

Laboratory refrigerator

- Smart-Lab™ Steuerung
- 0°C - +10°C
- 620 l or 1,140 l
- 6 / 12 shelves (acc. to model)
- wire shelves

Blood bank

- 0°C - +10°C
- 620 l or 1,140 l
- perforated drawer shelves

Pharmaceutical refrigerator

- 0°C - +10°C
- 620 l or 1,140 l
- PTFE-coated wire shelves

SMART-Lab™

- full touch screen TFT LCD:
- WiRe™ app service, remote control system
- variable program settings
- self-diagnosis and interactive temperature graph
- automatic data recording and password protection
- data transfer to PC by USB memory
- digital calibration (offset function)
- min-/max-temperature memory & program function
- push-alarm service to smartphone or tablet PC

Refrigerator

Laboratory refrigerator, Smart-Lab™ controller, 0-10°C, PTFE-coated wire shelves

NEW

PTFE-coated shelves

SMART-Lab™ controller

23% 44.2°C
95% 60.0°C

WiRe™ app service

LR laboratory, PTFE-coated shelves

Ideal for:
• laboratory refrigeration

Features:
• CFC free refrigerant (R-404A)
• intelligent control of refrigerator for preventing overload of compressor
• pre-set points to warn of temperature deviation at +5.5°C or -1.5°C
• built-in battery for power failure alarm
• automatic condensate removal, no drain line required
• PTFE-coated wire shelves (6 or 12 acc. to model)
• stainless steel interior and powder-coated steel body
• optional built-in chart recorder & remote alarm system
• double fold tempered glass window
• castors for easy movement
• CE certified and unique serial number for tracing

Safety mechanism:
• overheat and over-current protection
• push alarm service to your smartphone
• sensor error detection
• door locking system
• door open error
• door ajar and power failure alarm

Controller:
• **Smart-Lab™ controller** with 7″ full touch screen TFT LCD:
  ♦ WiRe™ app service, remote control system
  ♦ variable program settings
  ♦ self-diagnostic function
  ♦ automatic data recording
  ♦ data transfer to PC by USB memory
  ♦ Internet connectivity with WiFi

LR-1000 with
12 PTFE-coated shelves
(included)

LR-600 with
6 PTFE-coated shelves
(included)

Model	SmartLab™ laboratory refrigerator	
	LR-600	**LR-1000**
Capacity	620 l	1140 l
Temperature range & sensor	0°C - +10°C (at 30°C room temperature & 30% humidity), PT 100 sensor	
Temperature resolution	control: ±1.0°C, display: ±1.0°C	
Compressor	250 W	
Evaporator	auto exchange dual evaporator	
Defrost & circulation	automatic defrost and melt water evaporation, dual turbo fan forced-air circulation	
Shelves	6 x PTFE-coated steel wire shelves, height adjustable	12 x PTFE-coated steel wire shelves, height adjustable
Internal dimensions (W x D x H)	620 x 700 x 1430 mm	1140 x 700 x 1430 mm
External dimensions (W x D x H), net weight	740 x 805 x 1930 mm, 134 kg	1260 x 805 x 1930 mm, 208 kg
Packing size (W x D x H), gross weight	1000 x 900 x 2140 mm, 184 kg	1510 x 1240 x 2200 mm, 278 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Power consumption	650 W	750 W
Order number 230V	**DH.RefL0600**	**DH.RefL1000**
Order number 120V	**DH.RefL0601**	**DH.RefL1001**

Accessories: Suitable shelves can be found on page 96