Laboratory Refrigerator Benchtop, Floor standing 2 ℃



Precise Temperature Uniformity
Forced cool air circulation
강제 냉기 순환팬 방식으로
균일한 온도 분포도

Temperature range
2℃ to 10℃



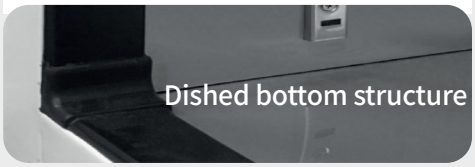
NON-CFC / HCFC

Feature | 제품 특·장점

1. Forced air circulation with fan provides precise temperature uniformity
   팬을 이용한 강제 순환 방식으로 보다 정밀한 온도 분포도 구현 가능
2. Automatic defrost system removes water condensation, no ice build up
   자동 제상 시스템으로 응축수 및 얼음 생성 방지
3. High density polyurethane insulation (thickness: 60 mm) provides constant cool temperature
   고밀도 폴리 우레탄 단열 (두께: 60 mm)로 우수한 냉장 효과
4. High quality stainless steel inner chamber for easy clean
   스테인리스 스틸 재질의 챔버로 세척 용이
5. Metal solid door with air tight gasket protects samples and reagents from sun light
   밀폐형 가스켓이 있는 금속 솔리드 도어가 샘플 및 시약을 햇빛으로부터 보호
6. Door key lock protects your samples from temperature rise by unauthorized access or door open
   도어락 장치가 예상치 못한 도어 열림을 미연에 방지하여 고내 온도를 균일하게 유지



Plastic mold frame insulation



Remark When ordering model, please specify electric frequency
제품 주문 하실 때, 전기 주파수를 명시해 주시기바랍니다

Performance data is based on unload condition
성능 데이터는 무부하 상태에서 작동한 규격입니다

실험실 냉장고 - 탁상형, 직립형

BioMedic

Controller

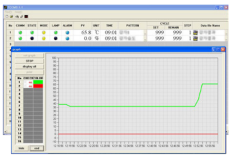


- Over & under temperature protection
  과온 & 저온 보호 기능 장착
- Temperature deviation alarm for high & low temperature
  온도 이탈 알람 기능 (고온, 저온 모두 가능)
- Door open alarm
  장시간 도어 열림 알람 기능

PC Interface through USB port



RS-232C-485 data from controller through usb port for convenient connection to PC/Laptop communication.



Unlimited temperature monitoring and data logging through PC software.
PC 프로그램 에 연결하여 온도를 실시간 관찰하고 데이터를

Option

- 7inch LCD color Touch screen Controller
- Thermal recorder
- Paper recorder / 7 days chart recorder
- STS drawer shelf
- Sliding wire drawer shelf
- Monitoring system & mobile alarm
- Access port / Battery back up system
- Programmable controller with PC interface (RS-232C or RS-485 selectable)
- IQ/OQ Validation documentation at factory

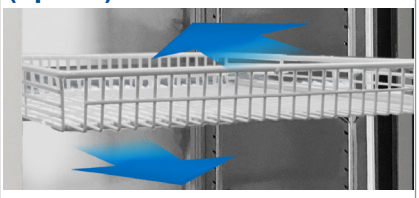
Door key lock



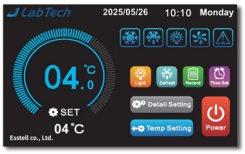
Adjustable wire shelf as standard



Sliding wire drawer shelf (option)



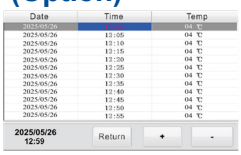
7 inch LCD color Touch screen controller (Option)



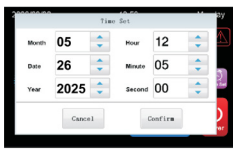
Temperature Display



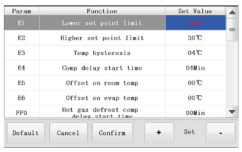
Set Temperature



Data Recording



Time & Date Set



Set Parameter

MODEL		LLR-301SR	LLR-302SR	LLR-312SR	LLR-303SR LLR-303SR-H	LLR-304SR LLR-304SR-H
Type		Benchtop	Floor Standing			
Dimensions (W×D×Hmm)	Internal	460 × 420 × 630	560 × 660 × 800	500 × 640 × 1400	620 × 690 × 1410	1140 × 690 × 1410
	External	560 × 630 × 940	680 × 796 × 1485	600 × 750 × 1640	740 × 806 × 1980	1260 × 805 × 1980
	Shelf	435 × 380 × 60	540 × 615 × 60	480 × 600 × 60	600 × 615 × 60	555 × 605 × 60
Capacity		121 ℓ	295 ℓ	421 ℓ	605 ℓ	1110 ℓ
Temperature	Range	Continuous working temp 2°C to 10°C				
	Uniformity	± 1 °C at 4 °C				
Refrigeration system		Air cooled condensing hermetic compressor, CFC free refrigerant gas				
Defrost		Automatic defrost system with automatic evaporation of condensate water				
Display		4 Digit LED display and signal lamps				
Controller		Microprocessor digital controller				
Material	Interior	Stainless steel grade 304				
	Exterior	Epoxy powder coated steel				
	Door	Solid swing door : key locker, adjustable tension spring, magnetic packing				
Thermal insulation		High density polyurethane insulation				
	Thickness	50 mm	60 mm			
Air circulation		Turbo fan with automatic stop / run during door open				
Solid swing door		1 door				2 door
	H-half door	N/A		2 half door		4 half door
Coating wire shelf		2 EA	3 EA	5 EA	5 EA	10 EA
Safety device		High / Low Temp. alarm, ELCB, audible and visible alarm				
Electric supply	Voltage	220V 50 / 60 Hz 1Phase (Option: 110V, 60Hz)				
Approx consumption	220V, 60Hz	600 W	600 W	600 W	600 W	800 W
Weight (approx.)	Net / Gross	80 / 93 kg	125 / 142 kg	125 / 146 kg	160 / 180 kg	220 / 245 kg

※Specifications can be changed without prior notice for quality improvement.

※Custom made order is available

Remark External dimensions is included the size of door handle, hinge, casters
외부 규격은 돌출된 도어 핸들, 힌지, 바퀴 등이 포함된 치수입니다

Electric specifications is subject to 50 Hz or 60 Hz frequency voltage
전기 규격은 전압과 50 Hz or 60 Hz 주파수에 따라 기술된 변동 규격입니다