

KIRSCH BL 520 BLOOD BANK REFRIGERATOR

Kirsch Cold Storage Solutions

The **Kirsch BL 520** blood bank refrigerator utilizes advanced forced-air cooling technology with a unique air-guidance system to deliver optimal performance and precise temperature control from +4°C. The unit is ideal for upright storage, whole blood (WB), leukocyte-reduced red blood cells (LrBC), irradiated blood products, patient specimens, and blood grouping reagents.

Features:

- Kirsch air guidance system for precise temperature uniformity, auto-off upon door opening for reduced temperature deviations
- Glass, self-closing door comes standard
- Easy glide, height-adjustable drawers with protected edges
- Aluminum interiors for best thermal conductivity and temperature distribution (8x greater than stainless steel)
- LED interior light
- Auto-defrost and condensate evaporation
- Power failure alarm with 30-hour monitoring capability
- Potential-free alarm output
- Speed controlled compressor for greater stability and efficiency
- Precise temperature control and monitoring
- Ultimate or ProActive controller (optional per model)
- FDA registered, compliant with international regulatory standards
- Additional accessories available, please inquire



Pictured: Model BL520US-P w/ProActive Display and Glass Door (standard door type)



There are two controller options available on this model:

ProActive Digital display

- Current Temperature
- Pro-active Alarms
- Lockable
- Data storage for USB download



Ultimate Capacitive touch display

- All ProActive features including the following features *and more*
- Intuitive touchscreen programming
- Defined user password controls
- Graphic chart recorder showing all events, set point temp and actual temp.
- Alarm messaging



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COLD STORAGE SOLUTIONS FOR THE BLOOD BANK

Additional Features:

- Forced-air cooling with an axial blower switches off automatically when you open the door, ensuring a uniform temperature and minimizing temperature fluctuations
- Ventilation-enforced refrigerating machine, vibration-free, hermetically sealed, energy saving, low-noise, easy to service
- Antifreeze against sub-zero temperatures

About Kirsch—Member of the Hettich Group:

Philipp Kirsch GmbH is a leading manufacturer of precision laboratory refrigeration and freezing systems. The company has established benchmarks for performance and reliability since 1865. Kirsch units are deployed globally and comply with stringent regulatory requirements. In 2024, Kirsch joined the Hettich group, enhancing and diversifying the Hettich portfolio.



Vario storage shelf, good for stocking refrigerator (optional).

SPECIFICATIONS



MODEL		BL 520	
Capacity (cu.ft.)	18	Temp. probe access port	1
Control panel	Ultimate or ProActive	External dims. (incl. wall distance) (WxDxH) in.	30 x 30 x 77
Glass door with lock	Yes, standard	Usable dims. (WxDxH) in.	22 x 16 x 51
Temperature set point °C	+4	External dims. with door open 90° (WxD) in.	33 x 57
Temperature uniformity °C	+/-0.8 °C	Drawer size (WxD) in.	22 x 15 x 4
Time for interior temp. to reach 6 °C during a power failure at 25 °C ambient. (min.)	64	Max. load capacity drawer (lbs)	110
Drawers (standard/max)	6/7	Weight (lbs)	340
Automatic defrost	Yes	Noise emission dB(A)	47
Refrigerant (GWP of 4, Ø ODP)	R600a	Warranty* (Monoblock cooling system, Parts)	5, 2
Power	115 V 60 Hz	ORDERING INFO	
Current consumption (Amps)	3.19	BL 520 w/Ultimate controller (Touchscreen)	BL520US-U
Power consumption (Watts)	221	BL 520 w/ProActive controller (Digital)	BL520US-P
Normal consumption (kWh/24)	1.36	<i>Units ship with controller of choice (Ultimate or ProActive), glass door, 6 telescopic drawers, LED interior light</i>	
LED interior light	Yes (standard)		

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*Warranty valid in U.S. and Canada only, see warranty statement for complete details, 5-years on the monoblock cooling system, 2-years on parts.

Contact your local Hettich representative: