



**MANUFACTURER**

KW Apparecchi Scientifici S.r.l.

Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy

**MODEL**

KLAB-BBR 700V (MD)

Blood bank refrigerator +4°C

**TECHNICAL CHARACTERISTICS**

Storage Volume	700 lt (max 336 bags of 450 ml)
Temperature Range	0°C / +15°C
Max. T Ambient	+43°C
Power Supply	230V / 50Hz
Power Consumption	max 330 W
Noise level	< 45 dB

**STRUCTURE**

Internal surface	AISI 304 Stainless Steel	Shelves	3 adjustable (standard)
External surface	White pre-painted steel sheet	Insulation	High density PUR foam (60 mm)
External dimensions	71 W x 80 D x 200 H cm	Door type	Glass type with microswitch
Internal dimensions	59 W x 68 D x 151 H cm	Door sealing	Magnetic silicone gasket
Weight	170 kg	Standard Equipment	Door lock with key
Shipping size (with wooden crate)	100 W x 100 D x 240 H cm		Adjustable steel feet
	280 kg		Internal LED light

**REFRIGERATION SYSTEM**

Cooling system	Ventilated refrigeration with uniform temperature
Refrigerant gas	R452A
Condensing system	Hermetic compressor, with air condensation; fully sealed circuit.
Defrost	Automatic

**DIGITAL CONTROL SYSTEM**

<b>NIA (New Ice Age)</b>	<p>New Ice Age</p>	
Display	Alphanumeric 2-line 16-character backlit LCD display	
Available languages	Italian / English	
Access control	Access to controller functions via safety password	
Maintenance	The last 32 functional faults are recorded and can be read on the display via password	
	In the event of a fault, a temporary operating mode is activated pending repair	
Special functions	Disaster recovery (the freezer continues to run even in the event of a CPU failure)	
	Safety control (the freezer continues to operate even if the control probe breaks)	
	Data logger function (automatic recording of temperatures and alarms)	
Connectivity	Dry contacts for remote alarms	RS485 ModBus protocol
Alarms list	Min/Max Temperature	Faulty probes
	Battery Failure	Compressor alarm
	Power failure alarm	Door open
	Dirty condenser	High T in condensation
	High condenser pressure	

**OPTIONAL ACCESSORIES AVAILABLE ON REQUEST**

Pivoting wheels kit	Weekly cycle chart disk recorder
USB port	Int/Ext pass through hole
Additional chromed steel grid shelves (max. tot 7)	Remote alarm device for GSM card
Additional RTD Pt 100 probe	Pull-out drawer, in AISI 304 stainless steel (max. 7)