



MANUFACTURER

KW Apparecchi Scientifici S.r.l.
Via della Resistenza 119 - 53035 Monteriggioni (SI) - Italy

MODEL

HAEMO 700V
Upright blood bank refrigerator +4°C

TECHNICAL CHARACTERISTICS

Storage Volume	700 lt
Plasma bags capacity	max 504 (450 ml)
Temperature Range	0°C / +15°C
Ambient Temperature	+10°C / + 32°C
Power Supply	220V/230V - 50Hz/60Hz
Power Consumption	4,16 kWh / 24h
Noise Level	< 42 dB


STRUCTURE

Internal Surface	Stainless Steel AISI 304	Shelves	n°3 adjustable grids, in chromed steel
External Surface	White pre-painted steel sheet	Door Type	One wing, glass type (double layer)
External Dimensions	71 W x 80 D x 203 H cm		Key-lock system
Internal Dimensions	59 W x 67 D x 151 H cm		Self closing with opening angle <90°
Weight	117 kg	Door Sealing	Magnetic silicone gasket
Shipping Size (with wooden crate)	105 W x 100 D x 240 H cm	Standard Equipment	Auto shutdown of the fan whit door open
Int/Ext corners	Rounded for easy cleaning		n°4 pivoting wheels (n°2 with brakes)
Insulation	High density PUR foam (60 mm)		Int/Ext pass-through hole
			Internal LED light

REFRIGERATION SYSTEM

Cooling System	Ventilated refrigeration for excellent internal temperature uniformity
Refrigerant Gas	R290
Condensing System	Hermetic compressor, with air condensation
Defrost	Automatic, with automatic evaporation of condensation water

DIGITAL CONTROL SYSTEM

HTS (High Technology System)		
Display	Display Touch-Screen TFT 5" electronic controller with Microprocessor technology	
T regulation accuracy	± 0.1°C	
Available Languages	Italian / English / French / Spanish / German	
Data Recording Format	CSV (Excel)	
Access Control	Access to controller functions via safety password	
Maintenance	Possibility to connect remotely via IP address	
Special Functions	Real-time temperature graph on display	
	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)	
	Environmental adaptability (separate management of the condenser fans)	
	Key test (The user can simulate alarm conditions by simply pressing a button)	
	Data logger function (Automatic recording of temperatures and alarms data)	
	Back-up battery with self-charging circuit (36 hours autonomy)	
	Safety thermostat function to block the descent of the T < +2°C	
Connectivity	USB port	Dry contacts for remote alarms
	SD Card port	
Alarm List (Audio/Visual)	Min/Max Temperature	Faulty probes
	Power failure alarm	Compressor alarm
	Door open	High T in condensation
	High condenser pressure	Dirty condenser
	Battery Failure	

OPTIONAL ACCESSORIES AVAILABLE ON REQUEST

Additional grid shelves in chromed steel (max n°7)	Weekly cycle chart disk recorder (n°52 spare disks included)
Pull-out drawer, in AISI 304 stainless steel (max n°7)	GSM module with SIM card bridge
Internal dividers kit in transparent ABS for drawers	Electric lock for door opening through PIN/Transponder
Internal dividers kit in AISI 304 S.S. for drawers	Ethernet expansion module
Additional RTD Pt 100 probe	Wi-Fi router
Additional RTD Pt 100 probe with 4-20mA converter	