



**Angelantoni**  
INDUSTRIE

MORE THAN TECHNOLOGY



Life Science Business Unit  
AS - Biomedical Equipment Division  
Blood freezers / Kryos MD Series

- Medical device certified.
- Bioguard® access control system.
- Microprocessor control board with alarm section completely independent from regulation section.
- Storage system with drawers.





ECO

→ Basic Line.

-40°

→ Working temperature: -40 °C.

93/42/EEC

→ Equipment certified according to 93/42/EEC directive and following amendments.

## Technical features

### Optional

- Port hole
- Bioguard® Access
- Software
- PT100 Probe
- Serial Interface



**Structure** /Models fully metallic phosphate coated steel plate. White epoxy powder painting to ensure durability. Internal chamber abrasion proof special plastic.

Provided with rollers for easy moving and adjustable feet for positioning.

**Door** /Made with same features of the frame.

External key lock for standard model.

In **PLUS** model door is equipped with a patented transponder access control system

**BIOGUARD®** that opens the door when an authorized user presents a badge or tag. In this way any operation relevant to the use of a freezer is completely under remote control.

**Shelves - Drawers** /N° 7 fixed refrigerated aluminum shelves and N° 14 plastic drawers.

**Insulation** /Injected HCFC-free foamed polyurethane. The 70 mm thickness.

**Cooling system** /Completely sealed, silent and highly efficient hermetic compressor using ecological refrigerants.

**Temperature chart recorder** /Battery operated, weekly diagrams, key lock, adjustable pen. Temperature range: from 0°C to -60°C.

**Regulation and control system** /Microprocessor controller E2003, with two independent sections, the first one to set and control temperature, the second one to manage the alarm system and display temperature. Rechargeable buffer battery (12 V, 2Ah) to maintain the alarm system on for 48 hours in case of power outage.

Configured for remote alarms.

Optional RS 485/422/232 serial interface.

Optional **CRYOLOG** software for monitoring of equipment parameters and alarms.

## Technical specifications

Model	KRYOS MD
	500 SV - 500 SV PLUS
Nominal capacity (l)	500
Temperature range (°C)	-20 / -43
Supply voltage (V)*	208 - 230V /50Hz
Maximum absorbed current (A)	2
Refrigerant	R404a
External dimensions (mm)	745×820×1965
Internal dimensions (mm)	615×550×1500
Overall weight with standard packaging (Kg)	143
Noise level (dbA)	47

→ Illustration, description and technical data may be changed without notice.

(\*) Models without 93/42/EEC certification are available.

In this model (KRYOS)the chart recorder won't be supplied.