



Main Features

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| Temperature range: -45°C up to -60°C | Cascade compressor cooling unit |
| HFC Ecological refrigerant type, CFC and HCFC free | Robust exterior structure in phosphated sheet steel |
| CEE 93/42/EEC (medical devices) Class IIa | Less than one hour blood sack frozen at -30°C |
| Insulation CFC and HCFC free | Interior chamber made of full stainless steel |
| Door closing with security key | Interior compartment doors |
| Alarm system with backuo battery | LCD display with alarms and temperature memory log |
| Easy and fast maintenance | Sliding stainless steel shelves |
| Temperature backup emergency system (optional) | Reliable door gasket with quadruple sealing points |

Plasma freezer Variations

Interior volume	Orientation	Nominal Voltage	Capacity of freezing (Bags/ml)	Description	Model code
230	Upright	230 V 1 ~ 50 Hz	44/200 20/450 14/650 9/1000	230 liters, upright opening door	86ES23

Upright models

Model	86ES23
Performance Data Temperature	
Temperature range [°C]	-45...-60
Time Freezing in middle of bag [min]	45
Temperature variation at -60 °C [± K]	1.5
Warm-up time during power failure from -45 °C to -60 °C [min]	140
Warm-down time from 0 °C to -60 °C [min]	180
Interior Dimension	
Width [mm]	600
Depth [mm]	500
Height [mm]	760
Exterior Dimension	
Width [mm]	840
Depth [mm]	750
Height [mm]	1630
Measures	
Net capacity [L]	230
Net weight unit (without load) [kg]	250
Door data	
Service door [n°]	1
Interior compartment doors [n°]	2
Shelves data	
Sliding shelves [n°]	4
Capacity of freezing	
Number of 200 ml bags capacity [n°]	44
Number of 450 ml bags capacity [n°]	20
Number of 650 ml bags capacity [n°]	14
Number of 1000 ml bags capacity [n°]	9
Electrical data	
Rated Voltage [V]	230
Power Frequency [Hz]	50
Nominal Power [kW]	0.8
Unit Fuse [A]	10
Phase (nominal voltage)	1 ~