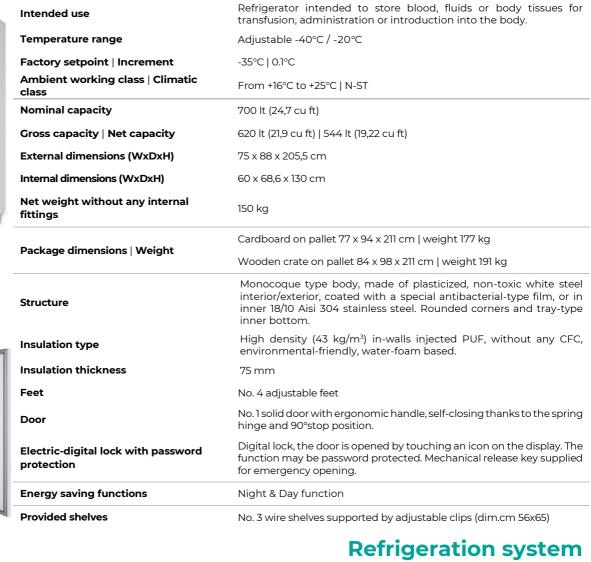
Fiochetti

Product technical data sheet

PLASMA-SUPERARTIC 700 TOUCH

Cod. DMS0702 Medical Device EMDN Z121702

General features



Disclaimer: Images are purely indicative. The features and the accessories of the products may differ according to model and application.

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	Retrigeration system
Refrigeration	Professional, ventilated, forced, hermetic compressor type.
Defrost	Automatic, adaptive, with collection of condensate water
Refrigerant	Natural R290
GWP ODP	3 0

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Electronic controller



Controller	TOUCH controller	
Type of controller	Electronic controller, FULL TOUCH SCREEN 7" display, resolution 0,1°C, easily readable from the distance, with a real time temperature graph and all operational data always available on the homepage.	
Power switch	Integrated in user's interface	
Security features	Settable user password	
Alarm system	 Visual and acoustic for temperature alarms failures such as: Open door High temperature Low temperature Power failure Clogged condenser Any functional failure/faulty parts 	
DMLP TOUCH Digital Monitor	Visual, acoustic alarm and fully independent recording system, with accuracy 0,1 °C thanks to the PTI00 probes used for temperature detection. DMLP will take over alarming function when installed as integrated module on the Ect-f Touch controller board. The module is fed by standard rechargeable batteries (power failure alarm batteries included) to register temperatures and events even in case of power outage.	
Temperature, data and event recording	Full recording of 10 years data (temperature and alarms), even in case of power failure, on SD card and 1 year on flash memory, with download from USB port. Latest 32 events displayed on the screen.	
Settable temperature limits alarms	Yes	
Control sensors	NTC type probes for controller board + PT100 for DMLP monitor board PT100 product temperature simulation probe	
Safety thermostat	Included, to prevent overheating	
Connectivity for remote alarms transmission	External contacts (Ethernet+ potential free) terminal board Modbus TCP/IP protocol available for data reading	
Data export	USB, SD and RJ45.	

Electrical and functional data

Standard power supply	230V / 1ph / 50Hz	
Standard plug type	Schuko type "G"	
Compressor protection	Overload Protector included	
Power absorption/current	kW 0,35 (Amp 2,5)	
Inrush current	Amp 7	
Noise level	<60 Dba	
Heat emission according to EN 12900	W 208	
Hold over time at 20°C ambient (air)	2,4 h (from -20°C to 0°C)	
Energy consumption at 20°C ambient	5 kWh/24h	



Directives and regulations	Directive 93/42/EEC and following and subsequent modifications and integrations, Class II annex IX, with conformity to the transitional provisions to Regulation (EU) (EU) 2017/745 and (EU) 2023/607 Directive 2011/65/EC (ROHS II) Directive 2015/863/ EC (ROHS III) Directive 2012/19/EC (RAEE) Regulation (EU) 517-2014 (F-gas) Regulation (EU) 1907-2006_REACH
Available certificate	MDD CE
Application environment	Non-flammable, non-explosive, non-corrosive, with adequate air exchange

Accessories available on request

GSM module Plug-in module to notify on mobile phones, via sm. overall monitoring, alarms and refiguerator Converter module type 4-20mA (this accessory excludes the installation of the GSM module) Wi-Fi module Plug-in module to connect to, monitor and manage the refigerator wirelessly FIOCCHETTI COLD EVES cloud monitoring Annual monitoring service, Cloud based, featuring the notification of alarms and failures of the property is a dedicated app, including SMS messages and emails, also allowing the full downlaad of necorded data. FIOCCHETTI LAN SUPERVISOR Annual monitoring service, Cloud based, featuring the notification of alarms and failures of the property is thanks to the access to historical data and to present equipment status. It allows the creation and export of temperature graphs of selected periods or of specific hours. Asingle license enables the connection of up to 100 refrigerators installed in the same building and connected to the same net (e.g. a hospita). Additional wire shelf kit Extractible drawer on slides Extractible drawer on slides Extractible drawer St. steel wire shelf kit St. steel wire shelf kit St. steel wire shelf kit Extractible drawer St. steel wire shelf kit St. steel wire shelf kit St. steel wire shelf kit Extractible drawer on slides Perforated stainless steel shelf Extractible drawer St. steel wire shelf kit Extractible drawer St. steel wire shelf kit Extractible drawer St. steel wire shelf kit		Accessories available of request
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