VONMARCKEN
LABORATORY & MEDICAL EQUIPMENT

FE10G1A / FE10G1EVO - 64 Bags

BLOOD BANK REFRIGERATORS

**Temperature Range from +2° + 6° C
from 100 to 1400 lt. > Capacity 100 lt**

FE10G1A   FE10G1EVO

Undercounter model

FE10G1A - Digital control panel
FE10G1EVO - Full touch control panel

Structure

External structure in hot-dip galvanized steel, anti-corrosion treated and PVC film coated.
Scotch-brite stainless steel internal structure.

Insulation

60 mm of insulation obtained by injection of high density polyurethane CFC-free foam for
excellent product preservation and best energy saving

Door

Self-closing glass door (double insulating - low emissivity glass) with folding magnetic gasket on four sides for perfect
closing. Right hand opening or left hand on request. Lock with key.

Light

LED light (energy saving up to 70%) with automatic switch at door opening. Manual switch on control panel.

Drawers

2 scotch-brite stainless steel drawers with telescopic ball-bearing slides and Plexiglas frontal side. Optional Plexiglas internal dividers.

Temperature range

Setting between +3°C and +5°C. Factory preset to +4°C. Digital adjustable with an increment of 0.1°C.

Refrigeration system

Completely sealed, silent and highly efficient hermetic compressor and ventilated air condenser (suitable also for tropical countries). Internal ventilated evaporator. Forced-air cooling system conceived to achieve maximum temperature uniformity and stability inside the refrigerator even in case of frequent door openings. Evaporator fan shuts off during door openings. CFC/HCFCfree R290 refrigerant gas.

Defrosting

Fully automatic defrosting cycle and auto-evaporation of condensed water.

Capacity

100 litres - 64 blood bags (450 ml/each)

Voltage

230V/50 Hz

Absorption

165 Watt

Gas

CFC-free R404a/R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

Control panel and alarms

Microprocessor control panel. Display with 0.1°C resolution. Temperature monitoring detected by independent probes. Real time temperature graph (touch screen version). Digital calibration of probes. Visual and audible alarms of high and low temperature (by means of independent probe), open door, condenser efficiency, damaged probes, power failure with recording of data and alarms (by means of back-up battery), damaged or flat battery. Memory of latest alarms visible on display.

Data logger

To record temperatures and alarms. Download data on USB pen drive.

Back-up battery

Self-powered back-up battery (FE10G1A) or rechargeable batteries (FE10G1EVO) to supply electric power to control panel in order to generate alarms in case of power failure.

Temperature chart recorder (optional)

Weekly temperature recording system working with 1,5V battery. It is equipped with 52 paper disks and an ink pen.

Standard

2 scotch-brite stainless steel drawers
Four one way wheels with stabilizing adjustable feet
Lock with key
Power cord with Schüko type plug
Protection fuses (on power switch and electronic mainboard)
RFI filter
Password protected power switch and settings
Electronic control panel with alarm system
Back-up battery
Remote contact (dry, volt-free) for alarm
Data logger with USB port to download readings and data
Memory of latest alarms visible on screen
Wi-Fi (EVO Version) for direct connection to SMEG Cloud (optional with licence)

Optional accessories

Kit of internal plexiglass dividers for drawers
Weekly temperature chart recorder
Castors with two frontal brakes
Test hole (Ø 25 mm) for external user sensor
Additional magnetic door lock with PIN code (EVO Version)

External dimensions and unit net weight

600x600x860 (wxdxh - mm) - kg. 68

Dimensions of packaging and shipping weight

Carton box on pallet: 700x700x1030 (wxdxh - mm) - kg. 75
Wooden crate (option on request): 740x740x1150 (wxdxh - mm) - kg. 110

Equipment in accordance with

Regulation (UE) 2017/745
Medical device certification according to (EU) Regulation 2017/745 (Annex IX) class IIa.

Contraindications and Warnings

The use of the device is forbidden to people not qualified for this purpose and who have not read the document "Use and maintenance manual". The use of the device is also forbidden to minors and people with cognitive and physical disabilities.
In addition, the equipment shall not be used when exposed to the elements, with adapters or extension cables, in an explosive atmosphere or at risk of fire and nearby heat sources.

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Via L. da Vinci, 4 - 42016 Guastalla (RE)

VAT: 01555030350

tel +39 0522 8211

instruments@smeg.it