



## CV5/PF

Plasma freezers  $-30^{\circ}$   $40^{\circ}$ C  
FROM 160 TO 714 lt > Capacity 250 lt



### CV5/PF Model ( $-30^{\circ}$ C)

CV5PFL225PCS - Digital control panel LGK-2

CV5PFA425PCS - Full touch control panel TP-1

### Structure

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

**Insulation**

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

**Door**

Self-closing solid door, with folding magnetic gasket on four sides for perfect closing. Right hand opening or left hand on request. Lock with key.

**Internal fittings**

Standard equipped with 5 scotch-brite stainless steel drawers, adjustable in height, with telescopic ball-bearing slides and plexiglass frontal side. Optional plexiglass internal dividers.

**Temperature range**

Setting between -25°C and -32°C. Factory preset to -30°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 static evaporator. CFC/HCFC-free R290 refrigerant gas.

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Completely sealed, silent and highly efficient hermetic compressor and ventilated air condenser (suitable also for tropical countries). Internal static evaporator. CFC-free R452a refrigerant gas. CFC/HCFC-free R290 refrigerant gas for European countries.

**Defrosting**

Manual defrosting cycle.

**Capacity**

250 litres - 160 bags (450ml/each)

**Voltage**

230V/50 Hz

**Absorption**

384 Watt

**Gas**

CFC-free 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 (LGK-2 version) or rechargeable batteries (TP-1 Full touch version) 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**

- 5 scotch-brite stainless steel drawers
- Four one way wheels with stabilizing adjustable feet
- Door lock with key
- Power cord with Schüko type plug or British 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

### **Optional accessories**

- Internal plexiglass dividers for drawers
- Castors with two frontal brakes
- Weekly temperature chart recorder
- Test hole (Ø 25 mm) for external user sensor

### **External dimensions and unit net weight**

640x620x1800 (wxdxh-mm)-kg. 125

### **Dimensions of packaging and shipping weight**

-carton box on pallet:700x700x1930 (wxdxh-mm)-kg. 135

-wooden crate (option on request): 790x740x1960 (wxdxh-mm)-kg. 180

**Equipment in accordance with:**

Regulation (UE) 2017/745

Medical device undergoing 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.

*The picture doesn't necessarily show the product in its standard version.*

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Strada Fontaneto 44 10023 Chieri (TO) - Italy

p.IVA /C.F. 07356760012