

## CHROMATOGRAPHY 1500 ECT-F TOUCH



### Characteristics

<b>Temperature Range</b>	+2 / +15 °C
<b>Capacity</b>	1355 lt (47,87 cu ft)
<b>External Dimensions (W x D x H)</b>	cm 144 x 83 x 207 <i>Inner dimensions (W x D x H) cm 130 x 69 x 151 ; Weight kg 220</i>
<b>Structure and Insulation</b>	stainless steel 18/10 AISI 304 inside and sanitized pre-coated steel white colour- outside; insulation polyurethane thickness 70 mm
<b>Feet</b>	n.5 adjustable feet
<b>Door</b>	Nr 2 glass doors with triple glass panels
<b>Light</b>	Led type with adjustable brightness
<b>Internal equipment</b>	n.1 stainless steel sliding shelf + n.3 stainless steel shelves supported by slides
<b>Controller</b>	ECT-F TOUCH  <i>ECT-F TOUCH CONTROLLER with recording and alarms system New controller with TFT 7" touch screen display easily readable from the distance, with a real time graphic of temperatures and of other selected functions always visible from the home page.</i> <ul style="list-style-type: none"><li>• Temperature recording of the last 10 years</li><li>• Acoustic and visual alarm system for temperature deviations, open door, condenser, and faulty conditions</li><li>• Safety thermostat against freezing and overheating</li><li>• SD card with frontal access: it can store 10 years data recording and relevant documents such as manuals, list of spare parts, videos regarding installation and most common operations.</li><li>• USB port that allows to download data directly from the front panel</li><li>• Multimedia section with Tutorial area for instruction movies, service manuals, electrical drawings, etc,</li><li>• Dry contact for remote connection</li><li>• RS485 and RJ45 port for LAN/Ethernet.</li><li>• Password for the turning on and off of the machine, to protect from unauthorized users</li><li>• Slot for SIM card</li><li>• Integrated Web Server</li></ul>
<b>Alarms</b>	Acoustic and Visual for temperature deviations and failures, with automatic recording
<b>Safety Thermostat</b>	
<b>Data and Event recording</b>	10 years on SD card; last year on Flash-memory
<b>Temperature Graph</b>	A customizable real time graphic always visible from the home page
<b>Connectivity</b>	USB-SD-SIM port with frontal access ; Dry Contact; Serial ports RS485 and RJ45
<b>Cable port mm.35 with cap</b>	
<b>Internal socket (nr.2 with ON/OFF)</b>	n.1
<b>Defrost</b>	Automatic with automatic evaporation of the condensate water

### Technical data

<b>Details</b>	<ul style="list-style-type: none"><li>• Refrigerant gas type: R134A CFC free</li><li>• Mains Voltage 230V/1/50Hz</li><li>• Power consumption 24H: 6 kW/24H</li><li>• Instant power consumption: 0,391 kW (2,2 A)</li><li>• Noise level &lt; 52 dB</li><li>• Ambient Temperature: +16/+38 °C; humidity 60%</li><li>• Connector: Schuko</li></ul>
<b>In accordance with</b>	2006/42/CE, 2014/30/CE, 2014/35/CE, 2011/65/CE (RHoS), 2012/19/CE (RAEE) and following modifications
<b>Package</b>	Strong Cardboard on wooden pallet

## Accessories

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### Electric Digital Key Lock

*The door is opened by means of a gentle pressure on the key icon in the homepage, and can be password protected. Mechanical key supplied in the event of failure.*

### Blind Door

### Castors with brakes

### Additional Shelf

### Wire basket in stainless steel H mm 148

### Sliding wire stainless steel drawer H mm 62

### S/Steel Rack cm 14 x 50 x 15 H (max nr.3 each shelf)

### Back-up Batteries

*nr.8 Nihm rechargeable batteries type AA of 1.2 Volt, easily replaceable, for power failure alarm*

### External Terminal Board for RS485/Ethernet/Dry Contact

### DmIp Digital Monitor Touch

*Independent visual/acoustic alarm and recording system, with an accuracy of 0.1°C thanks to the PT100 probe used for temperature detection. The DMLP will take over alarms functions when installed as integrated module on the main ECT-F Touch controller. It is fed by standard rechargeable batteries to record temperatures and events in case of power failure (Kit Battery Back-up is included). The data downloading is managed by the software CAPTURE supplied into the SD CARD: thanks to this software, it is possible to produce graphics and tabs of recorded data.*

### PT100 probe product simulator

### DIN 58345 conformity

*Includes Electric Digital Key Lock, Back-up batteries for power failure and external terminal board for dry contact*

### Internal Socket

### Internal Sockets (n.2 with On/OFF)

### Cable port mm 35 with cap

### Cable port mm 15

### Humidity Sensor

### PT100 probe (free contacts)

### Voltage stabilizer

### 4-20mA converter module

*external terminal board included (this accessory excludes the Gsm module)*

### 60 Hz Frequency

### 115 V

### Wooden crate Package

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