

ELECT-F

TOUCH PHILOSOPHY



fiocchetti
THE COLD MANUFACTURER

ECT-F
TOUCH
A NEW
EXPERIENCE

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SCIENTIFIC REFRIGERATORS

03/10/2011 17:54:46

STATUS OK

5.4 °C

Target 5.5 °C

Lower Limb 2.0 °C

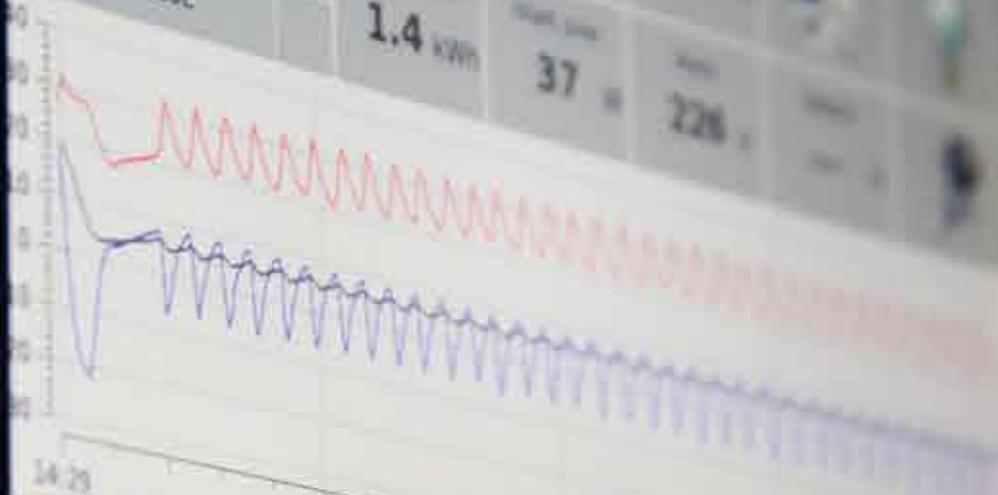
Upper Limb 8.5 °C

PAUSE

Energy 24h 1.4 kWh

Heart Rate 37 bpm

SpO2 22%



14:29 15:19

LA Min Ch B SCP GSM

50

MEDICA 2011

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THE COLD MANUFACTURER

Developed by Fiocchetti Marketing Department

Print: Litocolor - Guastalla [RE]

INNOVATION

100%
FIOCCHETTI

THE NEW RANGE OF FIOCCHETTI'S REFRIGERATORS

The latest development of electronics brought into medical cooling field to guarantee the highest performance and safety for your products.

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Ergonomic handle in anodized aluminum.

ECT-F TOUCH

100% NEW GENERATION

+ DESIGN

- Attractive and stylish design
- Maximum use of the cooling chamber space thanks to the evaporator placed in the top outer part of the equipment. Greater hygiene and easy access to the whole structure for preventive maintenance and service
- Solid doors with embedded anodized aluminum handles for a sure grip

+ INNOVATION

- 7" TOUCH SCREEN display
- LED light
- Antibacterial coated steel structure
- Predisposition for Plug-in modules
- New accessories: Electronic lock for access control system
Sterilizer
Wi-Fi Module

+ CARE FOR THE ENVIRONMENT

- Use of recyclable and environment friendly low-impact materials
- Reduced power consumption
- Use of ambient friendly gases



Maximum use of the cooling chamber space thanks to the evaporator placed in the top outer part of the equipment.



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TOUCH PHILOSOPHY



Supervising electronics at top levels. The 7" touch screen interface is easy to use for an immediate access to control and working action functions and to guarantee the safety of the stored data.



Detailed log of failures and alarms.

100% SAFETY

Complete control of the refrigerator as an integrated system and recording of any possible event during the life cycle of the equipment.

- Double feeding, double compressor relays and double defrost relays thanks to the Dual core architecture, controlled by an independent micro-controller. This will guarantee the working of the equipment even in case of irreversible failure
- Alarms for temperature deviations, open door, power failure and faulty conditions
- Protection against high condenser temperature
- Protection against low evaporator temperature
- Product protection against thermoregulation probe failure
- The product will remain safe even in case of faulty conditions: protection against freezing or abnormal temperature rise
- Selective multi-user management for functions. Access by means of multiple passwords



Electronic lock for multi-users access control.

100% DIAGNOSTIC

Self-diagnostics, functional tests and failures prevention.

- Clogged condenser warning
- Discharged cooling system warning
- Unbalanced temperature probes warning
- High temperature of controller pc board warning
- Low mains tension warning



Customized password protection.

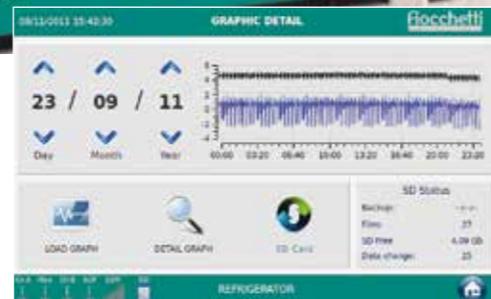


Automatic monitoring of power tension and electric loads.

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TUTORIAL multimedia application: integrated interface that displays multimedia files, useful both for end users (video instructions, use and maintenance manuals) and for service (electric diagrams, spare parts exploded views).



Daily temperature graph with date selection.

100% INTERACTIVE

A simple, protected and differentiated surfing guarantees access to necessary and detailed information, both for end users and for service.

- TFT 7" touch screen display easily readable from the distance. The home page shows main information while a real-time customizable graphic displays temperatures
- Data recording on SD Card and in a flash memory (sampling every 30 sec.)
- USB port for software upgrade and data downloading
- Ethernet RJ485 port for connection to LAN net
- SIM Card slot for GSM module
- Dry contact to remote alarms
- DMLP Touch Digital Monitor for a continuous recording by means of an independent PT100 probe
- Mod-bus communication protocol for the connection to independent pre-existent centralized systems
- WLS integrated module: the assigning of a unique IP address for any equipment in the Ethernet allows the connection and the management of the data thanks to a common browser for up to 4 users at the same time



Data recording on SD card.



Immediate access to electric diagrams and spare parts exploded views.



Video instructions for a correct use and maintenance of the equipment.

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100% UPGRADABLE

- Software upgrade thanks to the USB frontal slot
- Predisposition for additional plug-in modules that could be installed at any time, for instance DMLP Touch Digital Monitor, GSM Communicator or Wi-Fi modules
- Capture 5.0 software: available into the SD Card for a quick reading of the recorded data and creation of customizable daily or weekly graphs

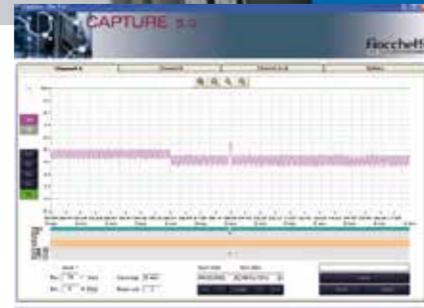


100% COST-EFFECTIVE

- Some exclusive functions, such as Night & Day, allow to minimize instant power consumption. This is reduced thanks to the automatic LED light turning on and off and the programmed increase of set-point when the equipment is not in use
- Smart defrost, run only when necessary, as a result of a dedicated probe placed on the evaporator
- High components efficiency
- Increased insulation thickness
- Full LED light



Software Capture 5.0 included in the SD Card.



Instant temperature graphs.



Night & Day function with internal LED light.

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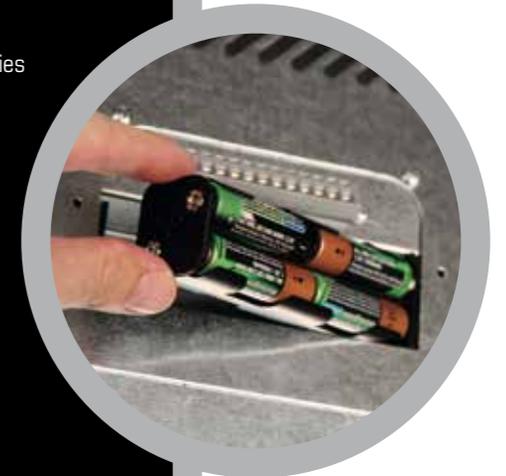
Customizable internal fittings.

CHECK LIST

- ✓ Resolution 0.1°C – Accuracy 0.1°C (*)
- ✓ 7" Touch screen display
- ✓ Continuous temperature recording
- ✓ LED light
- ✓ USB-SD-SIM ports with frontal access
- ✓ ETHERNET port
- ✓ Integrated Web Server
- ✓ Serial port RS485
- ✓ Safety protection against product freezing and overheating
- ✓ Password protected access
- ✓ High temperature/Low temperature alarms
- ✓ Open door alarm
- ✓ Condenser cleaning alarm
- ✓ High condenser/Low evaporator alarms
- ✓ Acoustic and visual alarms for power failure
- ✓ Faulty probes alarms
- ✓ Gas discharged cooling system alarm
- ✓ Compressor working % alarm
- ✓ Dry contact to remote alarms
- ✓ DMLP Touch: temperature recording by means of an independent PT100 probe (*)
- ✓ PC board temperature probe
- ✓ Monitoring of power and tension loads
- ✓ Self-diagnostic test for power consumption
- ✓ Automatic functional checkup (Info Status)
- ✓ Password protected electronic lock
- ✓ PT100 ballasted probe for product temperature simulation (with DMLP Touch)
- ✓ Wi-Fi module
- ✓ GSM module
- ✓ Rechargeable NiMh back-up batteries
- ✓ Sterilizer

EXCLUSIVE ACCESSORIES

- Electronic lock, multi-users, password protected, for access management
- Wi-Fi module for a cable free connection
- Humidity probe
- STERILIZER
Device able to eliminate bacteria charge on stored products and inside the refrigerator chamber
- GSM COMMUNICATOR
Plug-in modem enabling to send customized SMS for warnings of alarms and failures



Back-up NiMh rechargeable batteries, easily replaceable.

ECT-F TOUCH

EASY TO USE
RELIABLE
COMPLETE



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THE COLD MANUFACTURER

C.F. di CIRO FIOCCHETTI & C. s.n.c.
Via Panagulis, 48 - 42045 Luzzara (RE) - ITALY
tel. +39 0522 976232 - fax +39 0522 976028
www.fiocchetti.it - info@fiocchetti.it



Management System
ISO 9001:2015
EN ISO 13485:2016



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The pictures don't necessarily show the product in the standard version.