FLEX **PHARMA**
HIGH PERFORMANCE CONTROLLER WITH BUILT-IN CONNECTIVITY

Temperature controller for static and ventilated refrigeration units at positive and negative temperature dedicated to the health sector; built-in WiFi module and Data Logger.

DUAL DISPLAY
7-SEGMENTS BICOLOR

CAPACITIVE KEYS

DATA LOGGER

EMPLOYMENT UNIT

Range [-86°C ... +15°C]

- BLOOD BANK
- HOSPITAL REFRIGERATORS
- PHARMACEUTICAL REFRIGERATORS
- LABORATORY REFRIGERATORS

FUNCTIONS

- Simultaneous exposure of monitor probe and set
- Test circuit and battery recharge
- Electric key, LED bar or CO2 valve outputs
- Network failure warning and recording
- Events list with circular log
- Real Time Clock with maintenance supercap and Logger
- Deicing function with safety control
- Consistency check between installed probes
- Buzzer with self-acknowledgment and reset function
- Wireless controller programming
- OEM Cloud supervision
- User supervision via Connex app
- Receipt of the weekly graphic report by email
- Push messaging
- Redundant units management

PANEL **DISPLAY**

- Dimensions: L182 x H38 x D23mm
- Drilling template: L150 x H31mm
- Low voltage powerd by controller board
- Recessed, flush, under glass mounting
- 5 keys capacitive keyboard
- White and blue 7-segments display
- Data Logger (3Mb flash memory)
- Real Time Clock with super capacitor
- WiFi module built-in and alarm buzzer

CONTROLLER **BOARD**

- Power Supply: 230Vac - 50/60Hz
- Nr 3 NTC probes [-49.9, +99.9]°C Res. 0.1°C
- Nr 2 PT1000 probes [99.9, +99.9]°C Res. 0.1°C
- Nr 4 Digital inputs (door switch, HP, LP, Thermal)
- Nr 1 Backup battery 12Vdc input
- Nr 6 Relais: 30A-10A SPDT-10A-10A-8A-3A
- Nr 1 Alarm relay SPDT
- Nr 1 Led bar 12/24V power supply input
- Nr 1 Led bar dimmered output [max 2A]
- Nr 1 Electric key output driver
- On-board connector for inserting modules: Ethernet, Modbus TCP, Modbus RS485, Inverter with electronic fan modulation outputs.

Features subject to change without notice