

VISION TOUCH PAN

Capacitive Touch control designed for pause-leavening rooms.

It offers a smart TFT 7" display equipped with a capacitive touch screen, state-of-the-art software and an advanced interface for easy and intuitive use.



APPLICATIONS

- Cabinets, counters and pause-leavening rooms for small and large bakeries and confectionaries.
- Can replace other pause-leavening controls on existing plants.

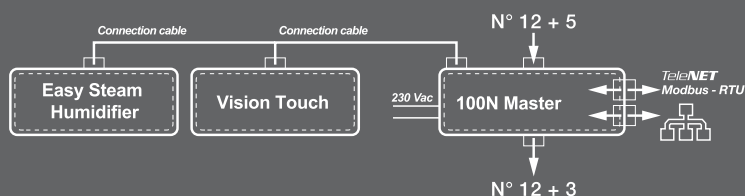
TECHNICAL CHARACTERISTICS

- Web server for remote access.
- Hot manual mode (leavening).
- Cold manual mode (accumulation).
- Manages automatic retarding programs that can be customised, consisting of a maximum of 9 steps that can be set (2 accumulation phases, 3 preservation phases, 3 leavening phases and 1 resting phase); the following is possible for each phase:
 - enable its operation (with the exception of Preservation phase 3 that is always present);
 - set the functions enabled in the phase (Cold, Hot, Humidify and Dehumidify);
 - phase duration, Temperature setpoint and Humidity setpoint;
 - select the evaporator fan speed and continuous fan forcing;
 - switch to enable temperature threshold management, below which humidity control is inhibited;
 - switch to enable defrosting for the accumulation and preservation phases. (At the beginning of the leavening phase, a defrosting phase is launched, if enabled, and this is then inhibited during the leavening and resting phases);
 - switch to enable the gradual increase to reach the Temperature setpoint (only for the leavening phases).
- Possibility of enabling a warning for the end of program and oven advance ignition command.
- Store up to 12 programs in the internal memory with the option of exporting them to a USB or microSD.
- Diagram of the program in execution with progress display (completed phases, phases in progress and phases yet to be executed) and a representation of the set values and of all the remaining times.
- Temperature adjustment range: $-45^{\circ}\text{C} \div +99^{\circ}\text{C}$; humidity adjustment range: 0-100 R.H.%
- Remote control of PEGO EasySteam humidifier.

GENERAL CHARACTERISTICS

- TFT 7" high definition display (800x480 WVGA), led backlighting and capacitive touch screen.
- Front with 1,1 mm chemically treated glass.
- Ability to reverse the viewing angle of the display to ensure the possibility of mounting at any height.
- Devices: USB 2.0, microSD, RS485, Ethernet.
- Acoustic signals.
- IP65 frontal protection.
- High quality design and icons.
- Touch screen interface with gestures, for a more intuitive control.
- Clock and calendar (RTC).
- Different password for user and installer function.
- Multilanguage.
- Customizable user parameters menu (it allows to hide the functions not used, simplifying the menu).
- Contextual help in parameters configuration menu.
- Software updating from microSD or USB.
- Ability to export and import parameters on USB or microSD media.
- Alarm history combined with popup warning messages.
- Advanced HACCP function with detailed temperature and humidity alarms memorization.
- "Test center" mood for verifying in simple and intuitive way all the digital and analogical inputs/outputs.
- RS485 serial connection with TeleNET or Modbus protocol which can be selected in the parameters.

CONNECTION DIAGRAM



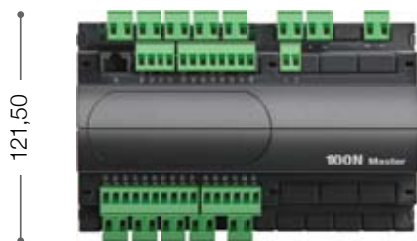


ACCESSORIES AVAILABLE

PAUSE-LEAVENING SINGLE-PHASE VISION TOUCH SERIES

100 | 101

100N MASTER 3



121,50

175



71



151

191



134,5 (X 174,5)

44

TECHNICAL CHARACTERISTICS	VISION TOUCH
DIMENSION	100N MASTER: 175 x 121,50 x 71 mm VISION TOUCH: 191 x 151 x 44 mm
WEIGHT	1 kg
PROTECTION RATING	IP65 (CONTROL)
POWER SUPPLY	MASTER: 110-230 V AC $\pm 10\%$ 50-60 Hz VISION TOUCH: 12 - 40 V DC + 10/-15% CLASSE 2 12 - 24 V AC + 10/-15% 15VA (POSSIBILITY OF DERIVING THE SUPPLYING FROM THE MASTER)
LOAD TYPE	SINGLEPHASE
WORKING TEMPERATURE	-5 \div +50 °C
STORAGE TEMPERATURE	-10 \div +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
STATUS INDICATOR	DISPLAY TFT TOUCH CAPACITIVE 7"
ALARM SIGNALS	DISPLAY + BUZZER + RELÈ

VISION TOUCH DISPLAY CHARACTERISTICS

DIMENSION	191 x 151 x 44 mm
TOUCH TECHNOLOGY	CAPACITIVE, SINGLE-TOUCH
DISPLAY	TFT-LCD 7"
DEFINITION	800X480 WGA
BACK-LIGHTING	LED
COLOURS	16.7 MILLIONS
BRILLIANCE	350 CD/m ² TYP.
CONTRAST	500 TYP.
FONT TRUE TYPE	YES
MULTILANGUAGE	YES
ALARM, HISTORY, PASSWORD	YES
HARDWARE REAL TIME CLOCK	YES
DEVICES	USB 2.0 / MEMORY CARD MICROSD / RS485 / ETHERNET
BUZZER	YES
SIGNALLING LED	2 (FRONTALS)
LIGHT SENSOR	YES (FRONTAL)
MATERIAL	CONTAINER: SELF-EXTINGUISHING ABS FRONT: 1,1 mm CHEMICALLY TREATED GLASS.

ACCESSORIES

ACCESSORIES AVAILABLE	COPL24II ACCFLTTOUCH SONEE16F6A21
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100N MASTER 3 CHARACTERISTICS

ANALOGICAL INPUTS	5 CONFIGURABLE AS: (NTC) TEMPERATURE AMBIENCE, (NTC) TEMPERATURE PROBES FINISHED DEFROST, (4-20 mA) AMBIENT HUMIDITY.
DIGITAL INPUTS	12 CONFIGURABLE AS: MICRO DOOR; REMOTE STAND-BY; REMOTE DISABLING HUMIDITY; REMOTE DISABLING HOT; GENERAL ALARM; COMPRESSOR SAFEGUARD; HUMIDIFIER ALARM; FAN SAFEGUARD; GENERIC WARNING 1, 2 AND 3.
OUTPUTS RELAY	12 (N.1 30 A AC1 / N.11 16 A AC1) CONFIGURABLE AS: HOT, COLD, HUMIDIFYING, DEHUMIDIFYING, DEFROSTING, AIR EXCHANGING SHUTTER, EVAPORATOR FANS HIGH SPEED, EVAPORATOR FANS LOW SPEED, ALARM, ROOM LIGHT, FINISHED PROGRAMME ADVISE, ADVANCE OVEN IGNITION.
ANALOGICAL OUTPUTS	3 (0-10 V) CONFIGURABLE AS: SPEED EVAPORATOR FANS, HUMIDIFIER REGULATION.