Programmable temperature controller 72×72 mm ATR621

Temperature programmer 72×72 mm
15 programs, up to 45 segments



KEY FEATURES

- 15 programs up to 45 segments
- Display with 9 LED status lights
- Process safety
- Quick configuration

Description

The Pixsys ATR621 offers the same programming capabilities as the ATR421 in a 72×72 mm package. It replaces the ATR620 and is suitable for all processes that require temperature control based on time.

15 programs up to 45 segments

Each program consists of ascent, descent, or maintenance segments. The operator creates the curves directly on the front panel, with an interface designed to remain simple to use.

Display with 9 LED status lights

The dual display indicates the measurement and the setpoint, and 9 LEDs indicate the status of the cycle and the outputs. The operator can see at a glance where the processing is at.

Process safety

The end-of-segment wait ensures each dwell starts at the right temperature, and automatic restart after a power failure prevents losing a batch.

Quick configuration

Programs and settings are saved to a memory card or to a PC software, which makes it easy to set up several identical machines.

Typical applications

- Industrial and laboratory furnaces
- Climatic chambers and drying ovens
- Drying ovens and polymerization lines
- Replacement of the existing ATR620 and 72×72 controllers

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Technical specifications

General characteristics

Dimensions	72 x 72 mm (front panel), depth 99 mm
Nutrition	24…230 VAC/DC ±15 %, 50/60 Hz
Consumption	5.5 VA
Display	4 green digits 0.5 + 4 red digits 0.3 + 9 LEDs
Materials	Noryl UL94V1 self-extinguishing casing, front rubber silicone V0
Weight	Approx. 250 g
Protection index	Front view IP54 (with seal), IP30 enclosure, IP20 terminals
Terms of use	0 to 45 °C, 35 to 95 % RH without condensation

Programming functions

Programs	15 cycles up to 45 segments
Segments	Upward, downward or horizontal movement, freely configurable
Waiting for the end of the segment	The cycle waits for the measure to reach the programmed target.
Resume of cycle	Automatic resumption of the program after a power outage
Regulating loops	1 loop

Configuration

Quick configuration options	Memory Card with or without battery, Pixsys configuration software

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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