

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72	Краснодар (861)203-40-90	Санкт-Петербург (812)309-46-40
Астана (7172)727-132	Красноярск (391)204-63-61	Саратов (845)249-38-78
Астрахань (8512)99-46-04	Курск (4712)77-13-04	Севастополь (8692)22-31-93
Барнаул (3852)73-04-60	Липецк (4742)52-20-81	Симферополь (3652)67-13-56
Белгород (4722)40-23-64	Магнитогорск (3519)55-03-13	Смоленск (4812)29-41-54
Брянск (4832)59-03-52	Москва (495)268-04-70	Сочи (862)225-72-31
Владивосток (423)249-28-31	Мурманск (8152)59-64-93	Ставрополь (8652)20-65-13
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Вологда (8172)26-41-59	Нижний Новгород (831)429-08-12	Тверь (4822)63-31-35
Воронеж (473)204-51-73	Новокузнецк (3843)20-46-81	Томск (3822)98-41-53
Екатеринбург (343)384-55-89	Новосибирск (383)227-86-73	Тула (4872)74-02-29
Иваново (4932)77-34-06	Омск (3812)21-46-40	Тюмень (3452)66-21-18
Ижевск (3412)26-03-58	Орел (4862)44-53-42	Ульяновск (8422)24-23-59
Казань (843)206-01-48	Оренбург (3532)37-68-04	Уфа (347)229-48-12
Калининград (4012)72-03-81	Пенза (8412)22-31-16	Хабаровск (4212)92-98-04
Калуга (4842)92-23-67	Пермь (342)205-81-47	Челябинск (351)202-03-61
Кемерово (3842)65-04-62	Ростов-на-Дону (863)308-18-15	Череповец (8202)49-02-64
Киров (8332)68-02-04	Рязань (4912)46-61-64	Ярославль (4852)69-52-93
	Самара (846)206-03-16	

Единый адрес: psx@nt-rt.ru **Веб-сайт:** www.pixsys.nt-rt.ru

Контроллеры процессов ATR902 PIXSYS. Техническое описание

Programmable PDA controller 15 cycle / 18 step

PDA programmer with multi-pole connector, single control loop. Allows the programming of 15 cycles/programs that can provide up to 18 steps/segments, all of which can be configured by the user as raise/maintain/lower.

Programming mode and display of the work cycle that is intuitive and simple to use even for inexperienced operators.



Specifically designed for the automation of hobby and professional kilns for ceramics, glass or laboratory applications that require the programming of cycles/curves with temperature in relation to time. Software functions for Delayed start, Step end wait (in the case of delay of the process on the programmed setpoint value) and Cycle recovery mode (following a power cut-off). The multi-pole connector compatible with the ATR900/901 series does not require wiring and offers immediate connection/installation.

Universal input for all common thermocouples and two outputs that can be selected as control or alarm/auxiliary, control with increased precision thanks to the new PID-predictive algorithm. All options can be configured from the keypad.

Ordering codes

ATR902-12ABC

1 Analogue inp. + 2 Relays 1A -230 V AC/DC

0400.70.001

Harting connector 8P (optional)

1300.20.043

Wall mounting support (optional)

Main features

Box

120 x 65 (front panel) x 65 mm

Power supply

24...230Vac/Vdc $\pm 15\%$ 50/60 Hz

Consumption

4W

Display

Display 4 digit 0,56" red + 4 digit 0,4" green + Bargraph

Operating conditions

Temperature 0-45 °C, humidity 35..95 uR% (non condensing)

Material

Box: ABS; Front panel: polycarbonate

Weight

Approx. 550 gr

Sealing

IP65 (Front panel) , IP20 (Box and Terminal blocks)

Accessories

Connector 7poles/female (kiln side), Bracket for panel mounting

Inputs

1 Configurable

TC K, S, R, J ,T , E, N selection by parameter

Outputs

Relays

1 Relays 8A - 250 Vac resistive charge + 1 Relays 8A - 250 Vac for alarm/auxiliary

Software features

Control algorithms

ON - OFF with hysteresis, P., P.I., P.I.D., P.D. time proportioned

Tuning

Automatic, Automatic predictive

Data protection

Access to parameters by password, Setpoint modification during cycle only if enabled by parameter

Alarm modes

Absolute / Threshold, band, High / Low deviation, timed auxiliary programmable on single steps

Hold function

Hold current setpoint value, with Start / Stop by keyboard

Waiting function

Special function to compensate differences SPV / PV in case of overloaded system

Cycle recovery function

Resume the cycle after unexpected power failure

Setpoint Controller mode

Regulation on a fixed setpoint (function might be enabled from general menu or during a cycle in progress)

Delayed start

Cycle start delayed by parameter

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