

Autonics

Autonics offers quality solutions backed by a 3 year warranty, online tools and free software (where applicable). The TA, TC, TCN, TK and TM Series Temperature Controllers are key Autonics Product and most are stocked in the US.

	<h3>TK Series - High Performance PID Temperature Controllers</h3> <ul style="list-style-type: none"> New line-up : AC/DC low voltage type (except TK4N models) 50ms high-speed sampling rate and $\pm 0.3\%$ display accuracy High luminance LED display with large PV and SV characters Simultaneous heating and cooling control function Automatic/manual control option Switch between current output and SSR drive output SSR drive output (SSRP function) control options : ON/OFF control, cycle control, phase control Communication output models available : RS485 (Modbus RTU) <ul style="list-style-type: none"> Parameter configuration via PC (RS485 communication) DAQMaster software included (comprehensive device management software) Communication converter sold separately : SCM-US (USB to serial converter), SCM-38I (RS-232C to RS485 converter), SCM-US48I (USB to RS485 converter) User-friendly parameter features Parameter mask : hide unnecessary or seldom used parameters User parameter group : group frequently used parameters for easy access and configuration
	<h3>TA Series - Analog Non-Indicating Type PID Temperature Controllers</h3> <ul style="list-style-type: none"> Auto-tuning PID temperature control PID and ON/OFF control : toggle via external switch Deviation indicators (green, red LED) Control output indicator (red LED) Stop control output function using analog dial Sensor disconnect display function Built-in microprocessor <p>The TA series temperature controllers offer simple and accurate temperature control with analog dial. The controllers are capable of auto-tuning PID temperature control and ON/OFF control, toggled through an external switch. The LED deviation and control output indicators provide clear status display.</p>
	<h3>TCN Series - Economical Dual Display PID Temperature Controllers</h3> <ul style="list-style-type: none"> Dual digital display (PV/SV) 100ms high-speed sampling rate and $\pm 0.5\%$ display accuracy Switch between relay output and SSR drive output SSR drive output (SSRP function) control options : ON/OFF control, cycle control, phase control Compact design with large display panels for easier reading Connector plug types offer easier wiring and maintenance (TCN4S-B-P) <p>The TCN series dual display PID temperature controllers offer excellent performance and cost efficiency. The controllers offer high-speed sampling rate of 100 ms and $\pm 0.5\%$ display accuracy. Relay output and SSR drive output are both supported. The TCN series models can simultaneously display PV and SV. The bright LED displays with large characters provide easy and clear value readings.</p>
	<h3>TC Series - Economical Single Display PID Temperature Controllers</h3> <ul style="list-style-type: none"> Single digital display (switch between PV and SV) 100ms high-speed sampling rate and $\pm 0.5\%$ display accuracy Switch between relay output and SSR drive output SSR drive output (SSRP function) control options : ON/OFF control, cycle control, phase control Compact design with large display panels for easier reading Connector plug types offer easier wiring and maintenance (TCN4S-B-P) <p>The TC series single display PID temperature controllers offer excellent performance and cost efficiency. The controllers feature high-speed sampling rate of 100 ms and $\pm 0.5\%$ display accuracy. Relay output and SSR drive output are both supported. The TC series models can easily switch between PV and SV. The bright LED displays with large characters provide easy and clear value readings.</p>
	<h3>TM Series - Modular Multi-Channel PID Temperature Controllers</h3> <ul style="list-style-type: none"> Multi-channel (4-channel : TM4/2-channel : TM2) input and output control High-speed sampling cycle (4-channel : 100ms/2-channel : 50ms) Module connection and expansion with expansion connectors Communication between modules No additional power supply wiring Expandable up to 31 units (124-channels/62-channels) Simultaneous heating and cooling control function Isolated input channels (dielectric strength : 1000VAC) Switch between current output and SSR drive output (TM2-B2C) <ul style="list-style-type: none"> Parameter configuration via PC (USB and RS485 communication) DAQMaster software included (comprehensive device management software) Communication converter sold separately : SCM-US (USB to serial converter), SCM-38I (RS-232C to RS485 converter), SCM-US48I (USB to RS485 converter) Easy wiring and maintenance with various connectors : sensor input connector, control output connector, power/communication connector Heater disconnect alarm function (CT input)

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