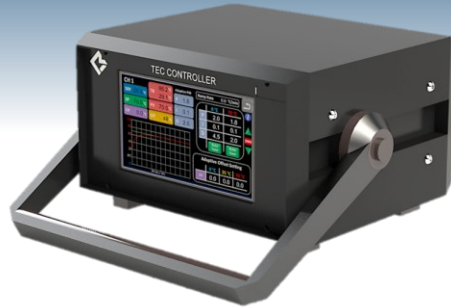


TC-400 TEC CONTROLLER



TC-400 is a single channel, reverse polarity precision temperature controller with temperature stability up to $\pm 0.1^{\circ}\text{C}$. Our proprietary temperature control algorithm and user interface have undergone rigorous testing to meet the demands of diverse applications, including, but not limited to semiconductor, automotive or food and beverage industry. The compact TC-400 TEC controller is equipped with a large-capacity DC switching power supply, delivering up to 400 watts of power for TEC operation.

Specifications

Power Input	110 ~ 240 VAC Single Phase
Power Output	5V ~ 24V / 16A
Max Power Output	400W
No. of channels	1 Channel, Bipolar
Temperature sensor	Thermocouple (T/K), RTD
Temperature Resolution	$\pm 0.1^{\circ}\text{C}$
Temperature Range	-20°C to 120°C
Temperature Control Method	Adaptive P, PI, PID, Ramp Rate Control
Communication interface	Touchscreen GUI, PC serial, Modbus TCP/IP (Optional)
TEC connection	Screw terminal, 2 POS

For further information, customization requests, please do not hesitate to contact us.