

Thermocontrollers

The thermocontrollers TEC and TEC-BT are designed to control the temperature of the objects and to stabilize it at the certain level.

The TEC is a compact and powerful temperature controller. The target temperature is set with an analog input voltage. Voltage output is provided to monitor temperature of the object.

The TEC-BT is a standard temperature controller in bench-top plastic case. The target temperature is set either manually via front panel user interface or digitally via RS-232 machine interface. The actual object's temperature is measured and provided to the operator.

TEC



TEC-BT



		TEC	TEC-BT
Input	Voltage	+24VDC	110/230VAC, 50/60Hz max. 2.0A
Output	Voltage Current Power Feedback loop Output temperature range Temperature accuracy Cooling	-20V to +20V up to 10A up to 150W 10kOhm NTC termistor +10°C to +40°C (other on request) 0.1°C forced air cooling is needed at >7A operations	-20V to +20V up to 10A up to 150W 10kOhm NTC termistor +10°C to +40°C (other on request) 0.1°C forced air cooling with built-in fan
Other	Size (L x W x H) Weight	130x80x30mm 0.3kg	225x200x60mm 1.5kg