

6" Type K Thermocouple Recorders

Monitor temperature for quality assurance and control

These microprocessor-based recorders are ideal for monitoring temperatures in ovens, freezers, chambers, storage and clean room facilities, machinery, and more. Recorders feature user-selectable temperature ranges, recording times, zero-point calibration, and include a 4-ft flexible Type K thermocouple bead wire. The large, digital LCD is easy to read and has a resolution of 0.1°F/°C.

Model 80018-06 also includes alarm and relay functions for connection to a pump or remote transmitter. Order charts separately (below). Units are enclosed in a rugged ABS case with a polycarbonate door to withstand challenging environments, and are portable or wall-mountable with rear-panel keyhole slots.

- Audible alarm notifies operator of out-of-limit conditions
- Shielded design eliminates electronic noise interference



80028-02

SPECIFICATIONS	
Operating ambient temperature	32 to 122°F (0 to 50°C)
Temperature accuracy	±1.8°F (±1°C)
Temperature sensor	Type K thermocouple wire (included)
Relay output	(Model 80018-06 only): one N/O SPST, 24 VDC, 0.5 A
Display	(Models 80018-02, -06): 3.5-digit LCD
Display resolution	0.1°F (0.1°C) from -9.9 to 199.9; 1.0°F (1.0°C) at <9.9 and >199.9
Chart size	6" diameter
Chart speed	24 hour or 7-day (selectable)
Alarm	(Model 80018-06): audio/visual, user-selectable min/max set points
Dimensions (W x H x D)	7½" x 7½" x 3¼" (191 x 191 x 83 mm)
Power	One 9 V battery, 120 VAC or optional 100 to 240 VAC adapter

Custom Probes
Temperature probes built
for you!
Call us 0984 843 683

What's included: One 4-ft type K thermocouple bead wire, power adapter with 6-ft cord, 9 V battery, one red pen, and one blue pen.

Catalog No.	Model No.	Description
TS-80028-00	KT621	General-purpose recorder
TS-80028-02	KT622	Recorder with digital display
TS-80028-06	KT625	Recorder with digital display, audio/visual alarm, and relay
Accessories		
TS-08526-06	—	High-temperature type K stainless steel probe
TS-80028-20	—	Universal AC adapter, 100 to 240 VAC, 50/60 Hz
TS-08508-50	—	Red pen, 1 each
TS-08508-51	—	Blue pen, 1 each
TS-08526-04	—	Red pen, 6 pack
TS-80019-60	—	Red and blue pens, 3 of each color in pack
TS-09386-04	—	Replacement batteries, 9 V, 4/pk
TS-17110-00	—	NIST-traceable recorder calibration with data

Chart Paper

Range	24 hour	7 day
	Catalog No.	Catalog No.
-50 to 50°F, 60/pack	TS-80019-00	TS-80019-10
0 to ±50°F, 17/pack	TS-08382-06	TS-08382-08
50 to 100°F, 17/pack	TS-08382-38	TS-08382-39
0 to ±100°F, 60/pack	TS-80019-02	TS-80019-12
0 to 250°F, 60/pack	TS-80019-04	TS-80019-14
0 to 500°F, 60/pack	TS-80019-06	TS-80019-16