



Transcat 23700T T/C Calibrator

Transcat Model # 23700T

- - High accuracy $\pm 0.3^{\circ}\text{C}$ (Type J T/C- All errors combined)
 - Ten common T/C types plus mV
 - Accepts both T/C miniplug and bare T/C wires
 - Simple decade control of output
 - Three setpoints for each T/C type
 - Min/Max recall in measure mode

Specifications

(1 year at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$; % of reading unless otherwise noted)

Description	Transcat Model # 23700T
Output/Input Voltage	
Range	-10.000 to +75.000 mV
Accuracy	$\pm 0.007\%$ of reading, ± 10 mV
Thermocouple Source/Measure	
Types	J, K, T, E, R, S, B, L, U, C
Range	mV
Resolution	Source $\pm 0.01^{\circ}\text{C}/\text{F}$ Measure $\pm 0.01^{\circ}\text{C}/\text{F}$
Accuracy (Typical)	JTEU $\pm 0.3^{\circ}\text{C}$, K $\pm 0.35^{\circ}\text{C}$, RS $\pm 1.0^{\circ}\text{C}$, B $\pm 1.2^{\circ}\text{C}$, L $\pm 0.4^{\circ}\text{C}$, C $\pm 0.7^{\circ}\text{C}$
CJC Temp. Offset	$\pm 0.05^{\circ}\text{C}/^{\circ}\text{C}$ outside of $23 \pm 5^{\circ}\text{C}$
Environmental	Operating -10°C to $+55^{\circ}\text{C}$
Power	Battery 9 Volt alkaline
Dimensions	5.7x3.15x1.43" (14.47x8.00x3.63 cm) 12 oz (340g)