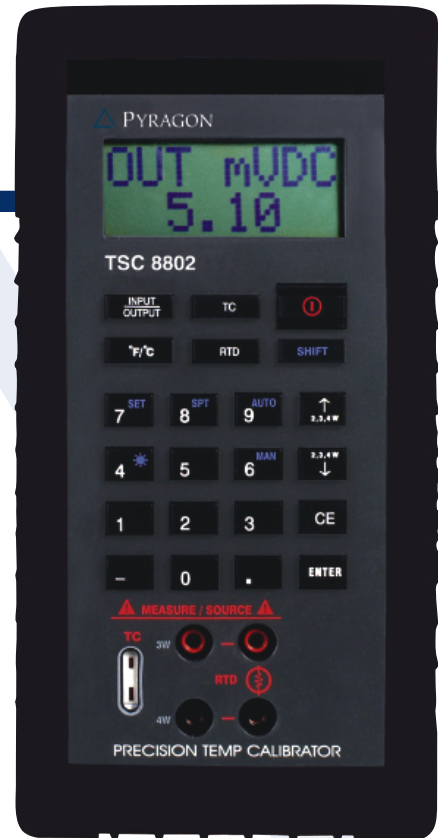


FEATURES

- Calibrate thermocouples and RTDs with one unit
- Works with Rosemount 3144 and all other smart transmitters
- Direct keyboard entry
- User-defined setpoints



The Pyragon TSC 8802 Precision Temperature Calibrator is an ideal device to handle all of your temperature calibration needs in a truly rugged, low-cost package. It combines virtually all widely used thermocouples and RTDs in one device — you'll never have to worry about finding a temperature device you can't calibrate. This is especially true when calibrating "smart" or pulsed RTD transmitters, where many other calibrators fail to work or operate at reduced accuracy specs. The TSC 8802 handles those applications with ease.

	TC and RTD		TC Only		RTD Only	
	Pyragon TSC 8802	Altek 422 Transcat 5086T	Altek 322 Transcat 4669	Altek 222 Transcat 22754	Altek 311 Transcat 23760	Altek 211 Transcat 4363
No. of Thermocouple Ranges	10	14	4	1	0	0
No. of RTD Ranges	8	0	0	0	8	8
Ohm Ranges	5.0 to 400 400 to 1,500 1,500 to 3,200	–	–	–	0.00 to 500 ±(.01% Rdg +.075Ω)	0.00 to 410.00 0.00 to 2,010.00
mV Ranges	-10 to +75	±99.999	±99.999	±99.999	–	–
Accuracy TC Type K RTD Pt.100	±0.4 °C ±0.3 °C	0.4°C –	0.4°C –	±0.4°C –	– ±0.2 °C to 0.4 °C	– 0.3 °C
RTD IEX Range	0.01 mA to 3 mA	–	–	–	.09 to 10.2 mA	.09 to 5.8 mA
Works with Rosemount 3144 and all other Smart (pulsed) RTD Transmitters	Yes	No	No	No	Yes	Some
RS232 Interface	Yes	No	No	No	No	No
Direct Keyboard Entry	Yes	No	No	No	No	No
No. User-Defined Setpoints	9 for every TC					
Per Range	9 for every RTD	3	3	3	3	3
Auto Step Function	Yes	No	No	No	No	No
Power Supply	4 AA Alkaline	9 V Alkaline	9 V Alkaline	9 V Alkaline	6 AA Alkaline	6 AA Alkaline
Size	7.5" x 4" x 1.5" 1 lb.	2.5"x2.6"x5.1" 10.9 oz.	2.5"x2.6"x5.1" 10.9 oz.	2.5"x2.6"x5.1" 10.9 oz.	6.2"x3.2"x1.9" 1 lb. 2 oz.	2.5"x2.6"x5.1" 11.5 oz.

