

Temperature Reference Probes

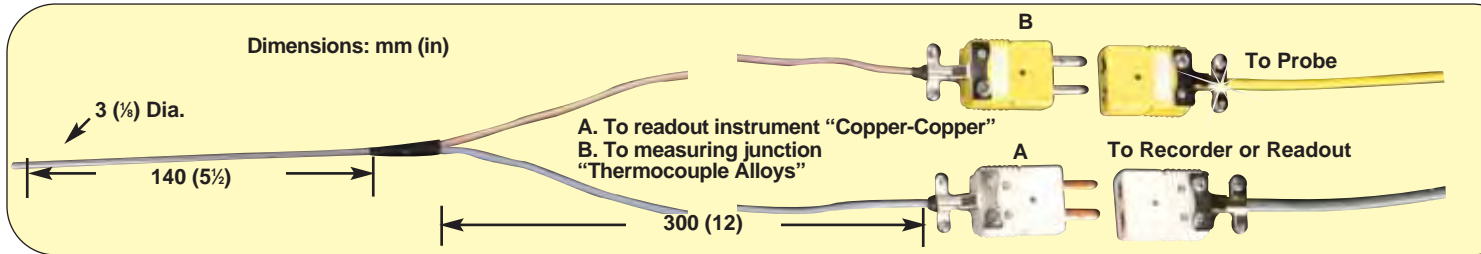
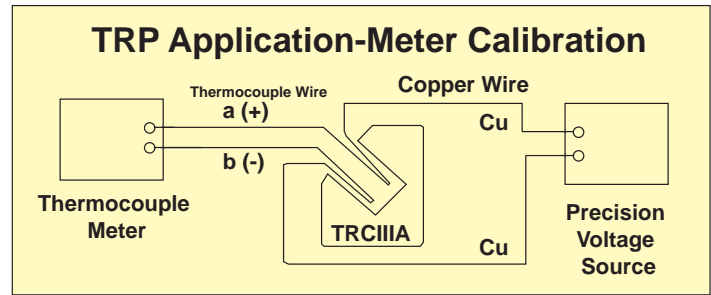
With **Standard** Size Connectors for Thermocouple Calibration

OMEGACAL[™]
Factory CAL
AVAILABLE
See Section I

MADE IN
USA

MEETS OR EXCEEDS
SPECIAL LIMITS
OF ERROR (SLE)
AND EN 60584-2:
Tolerance Class 1

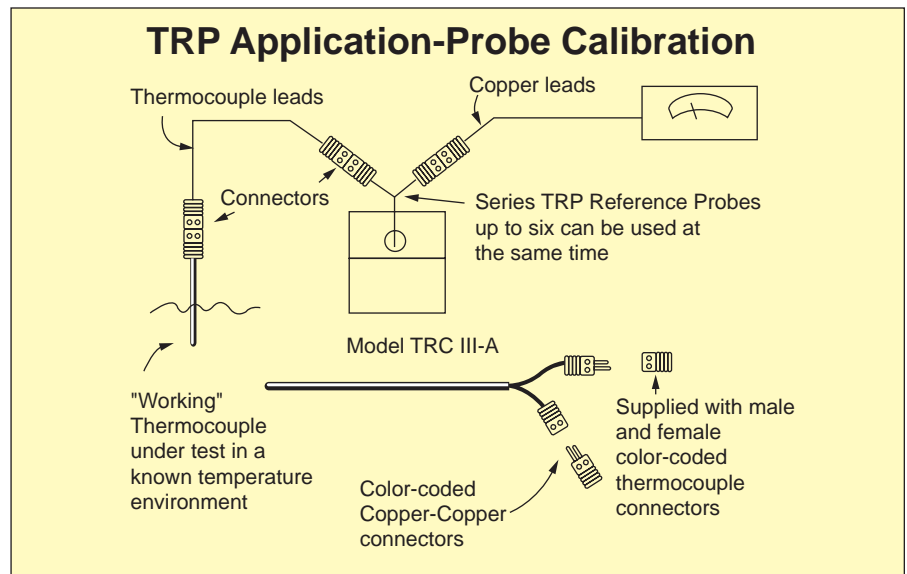
- ✓ All Standard Calibrations Available
- ✓ Comes Complete with Mating Connectors and Locking Clips
- ✓ Can Be Ordered with 300 mm (12"), 600 mm (24") or 900 mm (36") Leads
- ✓ 304 Stainless Steel Sheath Material



Accurate thermocouple temperature measurement requires a stable reference junction. It is common practice to create a transition reference junction by attaching a copper lead wire to each thermocouple leg. When the transition reference junction is held at the ice point 0°C (32°F) the output of the thermocouple appearing across the copper leads attached to the readout instrument is stable and predictable. For accuracy and convenience, OMEGA offers its series TRP REFERENCE PROBE which locates the thermocouple-copper transition reference junction at the end of an 1/8" diameter sheath for easy insertion into the TRCIII-A ice point calibration chamber. Up to six series TRP Probes can be used at one time in OMEGA's Ice Point Chamber. Use the temperature-millivolt tables to convert readings into °C or °F when using a voltmeter with the TRCIII-A ice point™ reference cell shown below.



OMEGA's TRP's are used in conjunction with ice point™ reference cells such as TRCIII-A. See page K-13.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)			
Model Number	Price	Thermocouple Material Type	
		+	-
TRP-K*	\$65	CHROMECA [®]	ALOMEGA [®]
TRP-N*	65	OMEGA-P [®]	OMEGA-N [®]
TRP-T*	65	Copper	Constantan
TRP-E*	65	CHROMECA [®]	Constantan
TRP-J*	65	Iron	Constantan
TRP-S †	130	Platinum	Platinum 10% Rh
TRP-R †	130	Platinum	Platinum 13% Rh
TRP-B †	130	Platinum 30% Rh	Pt 6% Rh
TRP-C †	130	W 5% Re	W 26% Re
TRP-D †	130	W 3% Re	W 25% Re

*Note: 12" is standard. For 24" or 36" long leads add suffix "-24" or "-36" to model number and add \$4/ft.

†Std. length is 6", for each additional 6" length add \$37.

Ordering Examples: TRP-J-24, \$65 + 4 = \$69; TRP-R-12, \$130 + 37 = \$167.

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