

Temperature Probe Series Application and Descriptions

INTRODUCTION

The Temperature Probe Series consists of thermocouple sensors. The models are designed for specific measurement applications such as liquids, solids, gases and surfaces (see reverse side). These probes are designed to operate with Wavetek Meterman temperature sensing multimeters, and the Model TC-253A Temperature /Voltage Converter accessory.

THERMOCOUPLE PROBES

(Use with Models TC253A, HD110T, 23XT, 28XT, 235, and TM45)

Probes use Type K (chromel-alumel) thermocouple sensors or a wide temperature range. Nine models are available for specific applications (see reverse side). All probes use a standard compensated mini-connector for attachment directly to the meter or MH101K Probe Handle. Accuracy is rated at $\pm 1^{\circ}\text{C}$ or 0.4% of reading, whichever is greater.

Note: When using with multimeters, thermocouple plug must be unplugged for direct voltage, resistance or current measurements.

ONE YEAR LIMITED WARRANTY

The Temperature Probe Series is warranted against any defects of material or workmanship within a period of one (1) year following the date of purchase of the multimeter by the original purchaser or original user.

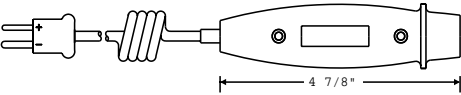
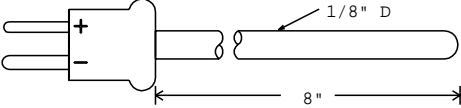
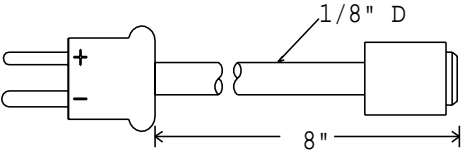
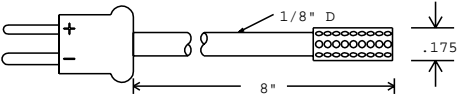
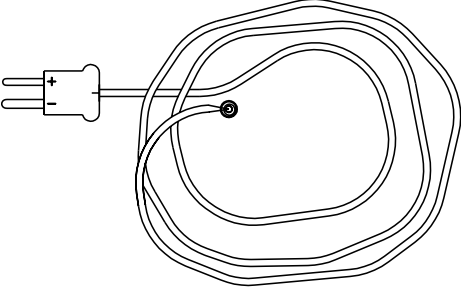
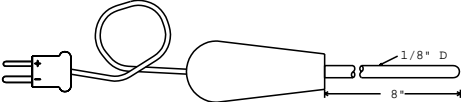
Any temperature probe claimed to be defective during the warranty period should be returned with proof of purchase to an authorized Wavetek Meterman Service Center or to the local Wavetek Meterman dealer or distributor where your temperature probe was purchased. See the back of this document for service locations.

Any implied warranties arising out of the sale of a Wavetek Meterman Temperature Probe, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the above stated one (1) year period. Wavetek Meterman shall not be liable for loss of use of the Temperature Probe or other incidental or consequential damages, expenses, or economical loss or for any claim or claims for such damage, expenses or economical loss.

Some states do not allow limitations on how long implied warranties last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

TEMPERATURE PROBES

CONFIGURATION	MODEL	DESCRIPTION	TEMP. RATING	APPLICATION	INDICATING TIME (99%)
Type K Thermocouple Probes					
	MH101K	Master Probe Extension Probe Handle Type K T/C. Includes 1 ft of 4:1 expandable cable. For use with TP110K, 120K, and 130 K Probes.		Option handle	
	TP110K	Immersion Probe A general purpose immersion sensor with grounded junction for fast response. Stainless steel sheath. For use with Model MH101K Probe Handle.	1200°F (650°C)	Liquids	10 seconds
	TP120K	Surface Probe Heavy Duty, fast response sensor for surface measurements of hot plates, furnaces, molds, etc. Stainless steel sheath. For use with Model MH101K Probe Handle.	1200°F (650°C)	Surface	6 seconds
	TP130K	Air Probe Exposed junction air sensor with radiation protection shield. Suitable for all air/gas measurements. For use with MH101K Probe Handle.	1200°F (650°C)	Air/gas	45 seconds
	TP255	Air/Gas Probe 4 ft. long K-type beaded T/C wire. Includes standard mini-connector.	392°F (200°C)	Air/gas	5 seconds
	TP254	Immersion Probe General purpose sensor with inconel sheath and wooden handle.	1200°F (650°C)	Liquids	10 seconds