



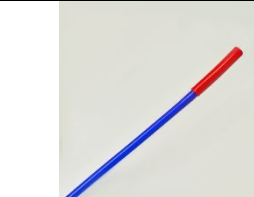



# FOTEMP® FO TEMPERATURE PROBES



MODEL						
	<b>TS2</b> General Purpose	<b>TS3</b> General Purpose	<b>TS4</b> Harsh Chemicals	<b>TS5</b> Medical & SFF	<b>TST</b> Transformers	<b>TS2p</b> Smallest
Key Features	High Accuracy, Resistance to High Temperatures, Non-Conductive	Semi Rigid Probe, Immune to EMI/RFI and Microwave Emissions, Non-Conductive	High Accuracy, Corrosion Resistant, Completely PTFE Coated, Non-Conductive	Flexible Probe, Small Form Factor, and Compact Size, Non-Conductive	Specifically Designed for Use in Oil-Filled Transformers, Non-Conductive	Smallest size, Bare GaAs crystal (300µm x 300µm) for Very Small Surface Areas and Micro-Vials, Non-Conductive
Applications	General Use: Power Transformers and Bus Bar	General Use: Food, Microwave Oven, and RF Environments	Harsh Chemical and Liquid Immersion	Medical Environments, Catheter Instrumentation, Semiconductor, Small FF	Oil-Filled Transformers	General Use: RF, Voltage, Semiconductor Device, and Medical Testing
Temperature Range	-200 °C to +300 °C	-200 °C to +300 °C	-200 °C to +300 °C	-200 °C to +300 °C	-40 °C to +200 °C	-200 °C to +300 °C
Accuracy	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C
Thermal Response	8 °C/s	12 °C/s	7 °C/s	19 °C/s	19 °C/s	20 °C/s
Probe Dimensions	D1: 1.0 mm D2: 1.7 mm D3: 1.3 mm	D1: 1.0 mm D2: 1.7 mm D3: 1.3 mm	D1: 1.0 mm D2: 1.7 mm D3: 1.3 mm	D1: 0.6 mm D2: 2.0 mm D3: 1.3 mm	D1: 1.75 mm D2: 1.2 mm D3: 3.1 mm	D1: 0.25 mm D2: 1.7 mm D3: 1.3 mm
Fiber Optic Cable Dimensions Other length on request	L1: 10 mm L2: 10 mm L3: 1 – 20 m	L1: 10 – 130 mm L2: 30 mm L3: 1 – 20 m	L1: 15 - 550 mm L2: 10 mm L3: 1 – 20 m	L1: 10 – 600 mm L2: 15 mm L3: 1 – 20 m	L1: 10 mm L2: 70 mm L3: 1 – 20 m	L1: 4mm L2: 10 mm L3: 1 – 20 m
Cable Coating	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon
Connector Type	ST	ST	ST	ST	ST	ST
STOCK PRODUCTS (L1 and L3 Lengths)	TS2-02, TS2-06	TS3-10MM-02 TS3-10MM-06	TS4-15MM-02	TS5-20MM-02, TS5-20MM-06 TS5-50MM-02, TS5-50MM-06	Special Order	TS2p-02

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[QR Code to TS sensors](#)



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