



THERMOCOUPLE PROBES TT001

New Artisan™ Low-Cost Thermocouple Probes

These new low-cost thermocouple probes are designed to provide fast, accurate temperature measurement for a wide range of applications. The color-coded coiled cables have a molded mini-connector that meets the ANSI thermocouple standards.

Monitor the temperature for perishable food, laboratory products, HVAC setups and many other products to ensure top quality. Select from grounded probes for faster response, ungrounded probes for electrical isolation.

Glass-filled nylon handles measure 1.25" (32mm) L x 0.75" (19mm) diameter. Include 5-ft coiled PVC cable with spring strain relief.

To use, simply plug the thermocouple plug into the proper connector on your meter. The ARTISAN™ TT1200 and TT2210 meters are ideal meters to use with these low-cost probes.



Type K
Type J
Type T

TT001.001

Surface, Air, Penetration and General-Purpose designs

SPECIAL FEATURES
Special application designs
Color-coded coiled cable and molded plug
Low-cost, high-accuracy design
Extension cables for longer lengths

APPLICATIONS
HVAC setups
Food Preparation
Laboratory Research
Preventive maintenance

**Custom designs are available.
 Please contact us for special design requests.**

TT001 Low Cost General Purpose Probe Ordering Information

Ideal for use with liquids, gases and semisolids. Probe is 4.5"(114mm) L x 0.155"(3.9mm) dia.

Part No.	Type	Temperature Range
TT001.001	K	-250 to 899°C (-418 to 1650°F)
TT001.101	J	-190 to 760°C (-310 to 1400°F)
TT001.201	T	-250 to 400°C (-418 to 752°F)
Junction:		grounded
Time Constant:		6 seconds (liquids)
Response Time:		30 sec (liquids)
Materials:		304 SS Sheath, Nylon handle, PVC cable



TT001 Thermocouple Probes

TT001 Low Cost Teflon-Coated Probe Ordering Information

Ideal for use with corrosive liquids. Probe element is 4.5"(114mm) L x 0.155"(3.9mm) dia.

<u>Part No.</u>	<u>Type</u>	<u>Temperature Range</u>
TT001.002	K	-250 to 150°C (-418 to 300°F)
TT001.102	J	-190 to 150°C (-310 to 300°F)
TT001.202	T	-250 to 150°C (-418 to 300°F)

Junction: grounded
 Time Constant: 11 sec (liquids)
 Response Time: 55 sec (liquids)
 Materials: 304 SS Sheath, Nylon handle, PVC cable



TT001 Low Cost Air/Gas Probe Ordering Information

Ideal for use with liquids, gases and semisolids. Probe is 4.5"(114mm) L x 0.125"(3.2mm) dia.

<u>Part No.</u>	<u>Type</u>	<u>Temperature Range</u>
TT001.003	K	-250 to 300°C (-418 to 570°F)
TT001.103	J	-190 to 300°C (-310 to 570°F)
TT001.203	T	-250 to 300°C (-418 to 570°F)

Junction: exposed; isolated
 Time Constant: 45 sec @ 5m/s airflow
 Response Time: 225 sec @ 5m/s airflow
 Materials: 304 SS Sheath & coil, Nylon handle, PVC cable



TT001 Low Cost Surface Probe Ordering Information

Ideal for use a wide range of flat surfaces. Probe body is 4.5"(114mm) L x 0.63"(16mm) dia.

<u>Part No.</u>	<u>Type</u>	<u>Temperature Range</u>
TT001.004	K	-250 to 650°C (-418 to 1200°F)
TT001.104	J	-190 to 650°C (-310 to 1200°F)
TT001.204	T	-250 to 370°C (-418 to 700°F)

Junction: exposed
 Time Constant: 6 seconds (liquids)
 Response Time: 30 sec (liquids)
 Materials: Al hsg, Ceramic support, PVC cable



TT001 Low Cost Penetration Probe Ordering Information

Ideal for use with soft or semisoft materials. Probe is 2.5"(64mm) L x 0.125"(3.2mm) dia.

<u>Part No.</u>	<u>Type</u>	<u>Temperature Range</u>
TT001.005	K	-250 to 899°C (-418 to 1650°F)
TT001.105	J	-190 to 760°C (-310 to 1400°F)
TT001.205	T	-250 to 400°C (-418 to 750°F)

Junction: grounded
 Time Constant: 5 seconds (liquids)
 Response Time: 25 sec (liquids)
 Materials: 304 SS Sheath, Nylon handle, PVC cable



TT001 Extension Cable Ordering Info.

Extend the cable on your thermocouple.

<u>Type</u>	<u>10-ft Part No.</u>	<u>50 ft Part No.</u>
K	TT001.900	TT001.901
J	TT001.902	TT001.903
T	TT001.904	TT001.905

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