

SENSING THERMOCOUPLES PROBES

MTCS-Series

General Purpose Immersion Probe



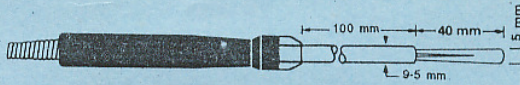
Maximum Temperature 400°C
Used for air and liquid immersion measurements

Bare-Tip Probe



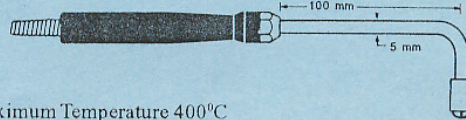
Maximum Temperature 600°C
Very quick response in air or gas.

Leaf Surface Probe-Standard



Maximum Temperature 400°C
Fast response for measuring flat surfaces.

Spring Surface Probe



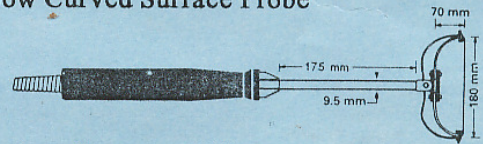
Maximum Temperature 400°C
For small surfaces such as electronic components.

Prick Probe



Maximum Temperature 400°C
Sharp tip allows easy penetration into semi-solids.

Bow Curved Surface Probe



Maximum Temperature 400°C
For moving or static convex surfaces rollers, etc.

Teflon Coated Immersion Probe



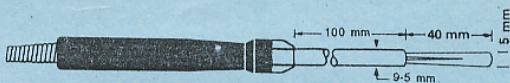
Maximum Temperature 200°C
Use in corrosive acids and alkalis.

Air Probe



Maximum Temperature 800°C
For air or gas in ducts, chambers, etc.

Leaf Surface Probe-Standard



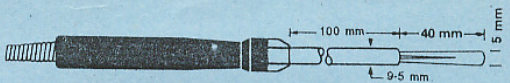
Maximum Temperature 400°C
Fast response for measuring flat surfaces.

Prick Probe



Maximum Temperature 400°C
Sharp tip allows easy penetration into semi-solids.

Leaf Surface Probe-Standard



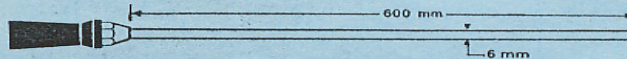
Maximum Temperature 400°C
Fast response for measuring flat surfaces.

Compression Fitting Probe



Maximum Temperature 600°C
For use with existing thermowells of depth upto 10"

High Temperature Immersion Probe











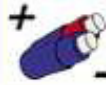



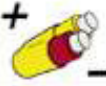
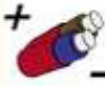
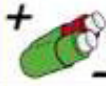

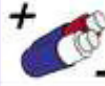

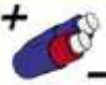

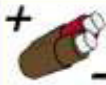

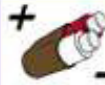

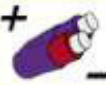
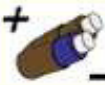

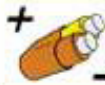
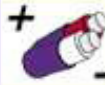

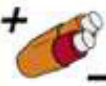
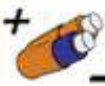

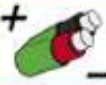
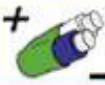



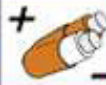
Maximum Temperature 1150°C
INCONEL 600 sheath allows measurement up to 1150°C

MOTORON SEMICONDUCTORS CORPORATION

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SENSING THERMOCOUPLES PROBES

MTCS-Series

Thermocouple Extension Type	 ANSI	 BS	 DIN	 NFC	 JIS	 IEC
JX + IRON - CONSTANTAN®						
KX + CHROMEL® - ALUMEL®						
TX + COPPER - CONSTANTAN®						
EX + CHROMEL® - CONSTANTAN®						
NX + NICROSIL® - NISIL®			*	*	*	
			SEE BELOW	SEE BELOW	SEE BELOW	
SX + COPPER - ALLOY II						

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