

# Temperature Accessories

## Contact Probes

### 80PK-22 SureGrip™ Immersion Probe

- Type-K thermocouple for use in liquids and gels
- Measurement range: -40 to 1090°C



### 80PK-27 SureGrip™ Industrial Surface Probe

- Type-K thermocouple for surfaces in rugged environment
- Durable ribbon sensor
- Measurement range: -127 to 600°C



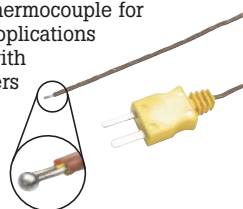
### 80PK-24 SureGrip™ Air Probe

- Type-K thermocouple for use in air and non-caustic gas measurements
- Bead protected by perforated baffle
- Measurement range: -40 to 816°C



### 80PK-1 and 80PJ-1 Bead Probe

- 80PK-1: Type-K thermocouple for general purpose applications
- 80PJ-1 operates with J-type thermometers
- Measurement range: -40 to 260°C



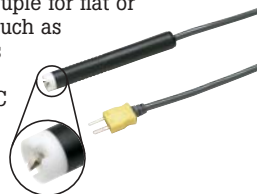
### 80PK-25 and 80PT-25 SureGrip™ Piercing Probe

- 80PK-25: Type-K thermocouple suitable for food industry, liquids and gels
- 80PT-25 operates with T-type thermometers
- Measurement range: 80PK-25: -40 to 350°C  
80PT-25: -196 to 350°C



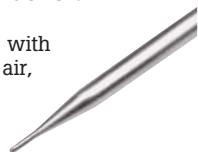
### 80PK-3A Surface Probe

- Type-K thermocouple for flat or curved surfaces such as plates and rollers
- Measurement range: 0 to 260°C



### 80PK-26 SureGrip™ General Purpose Probe

- Type-K thermocouple with tapered tip for use in air, non-caustic gas and surface applications
- Measurement range: -40 to 816°C



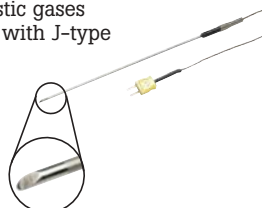
### 80PK-8 Pipe Clamp Temperature Probe

- Type-K thermocouple for fast temperature and superheat measurements of pipe surfaces
- Durable ribbon sensor
- Measurement range: -29 to 149°C for pipe diameters from 6.4 to 34.9mm



### 80PK-9 and 80PJ-9 General Purpose Probe

- 80PK-9: Type-K thermocouple surface, air and non-caustic gases
- 80PJ-9 operates with J-type thermometers
- Measurement range: -40°C to 260°C



## DMM Probes

### 80AK Thermocouple Adapter

- Adapts Type-K thermocouple mini-connector to dual banana plug inputs
- Measurement range and accuracy: probe dependent
- Suitable for low voltage applications (below 30 V AC, 60 V DC)



### 80BK Integrated DMM Probe

- Type-K thermocouple with standard banana jack
- Convenient one piece construction
- Compatible with DMMs with temperature measurement functions
- Measurement range: -40 to 260°C



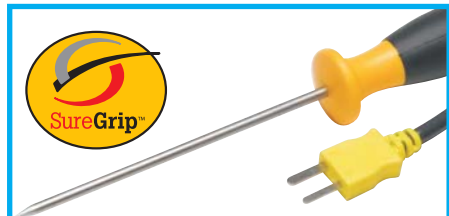
### 80TK Thermocouple Module

- Converts a DMM to a thermometer
- For use with type-K thermocouples in low voltage applications (below 24 V AC, 60 V DC)
- Measurement range: -50 to 1000°C (probe dependent)



### 80T-150U Universal Temperature Probe

- Compatible with Fluke DMM
- High accuracy, fast reading for low voltage (below 24 V AC, 60 V DC) applications
- Measurement range: -50 to 150°C
- Output: 1 mV/°C or 1 mV/°F (switchable)



**SureGrip™ accessories are designed to improve steadiness in slippery hands. Rubber overmolded surfaces and finger-hugging curves give the user a comfortable, reliable grip on the accessory so they can focus on making an accurate measurement.**

All accessories have a one year warranty

# Temperature Accessories

## Other Temperature Accessories

**New**

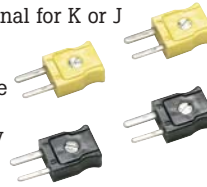
### 80PR-60 RTD Temperature Probe

- For simultaneously taking contact and non-contact temperature measurements with Fluke 66 or 68
- Measurement range: -40 to 260°C



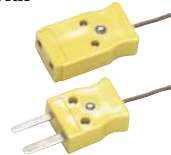
### 80CK-M & 80CJ-M type K & J Male Mini-Connectors

- Isothermal screw terminal for K or J wire
- Suitable for up to 20 gauge thermocouple wire
- Color coded to industry standards (K-yellow, J-black)
- Two per package



### 80PK-EXT, 80PJ-EXT and 80PT-EXT Extension Wire Kits

- Extending and repairing J, K or T-type thermocouple wires
- Kit includes 3 meters of thermocouple wire and 1 pair of male/female mini-connectors
- Maximum continuous exposure temperature: 260°C
- 80PK-EXT is compatible with K-type thermometers, 80PJ-EXT is designed for J-type thermometers and PT-EXT for T-type thermometers



### Thermocouple Plug Kits 700TC1

A kit of 10 mini-plug connectors  
 Type J (black), one  
 Type K (yellow), one  
 Type T (blue), one  
 Type E (purple), one  
 Type R/S (green), one  
 Type B or CU (white), one  
 Type L (J-DIN) (blue), one  
 Type U (T-DIN) (brown), one  
 Type C (red), one  
 Type N (orange), one



### 700TC2

A kit of 7 mini-plug connectors  
 Type J (black), two  
 Type K (yellow), two  
 Type E (purple), one  
 Type T (blue), one  
 Type R/S (green), one



## Temperature Probe Compatibility Chart

	12	16	110/111/112	175/177	179	187/189	27	45	73 III	77 III	78	83V	87V	88V	867B	43B	120 Series	190 Series	51/52/53/54 II	66/68	705 / 707(Ex)	714	715	724	725	71B/743B/744	787	789
<b>Contact Probes</b>																												
80PK-1 ... 80PK-27	1	2	1	1	2	2	1	1	1	1		1	2	2	1	1	1	1	●		1	●	1	●	●	●	1	1
80PJ-1, 80PJ-9																			●			●		●	●	●		
80PT-25																			●			●		●	●	●		
<b>DMM probes</b>																												
80AK		●			●	●							●	●														
80BK		●			●	●							●	●														
80TK	●		●	●	●	●	●	●	●	●		●	●	●	●	●	●	●			●		●			●	●	●
80T-150U	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●			●		●			●	●	●
<b>Miscellaneous</b>																												
80CK-M, 80CJ-M																			●			●		●	●	●		
80PK-EXT, 80PJ-EXT																			●			●		●	●	●		
80PT-EXT																			●			●		●	●	●		
700TC1, 700TC2																					●		●		●	●		
80PR-60																					●							

1) Requires 80TK  
 2) Requires 80AK



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