

# 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



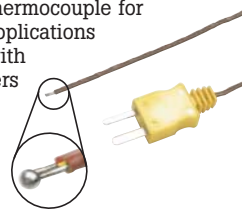
### 80PK-24 SureGrip™ Air Probe

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



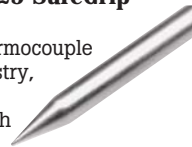
### 80PK-1 and 80PJ-1 Bead Probe

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



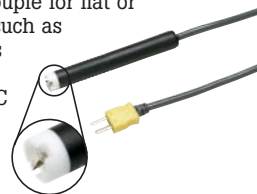
### 80PK-25 and 80PT-25 SureGrip™ Piercing Probe

- 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



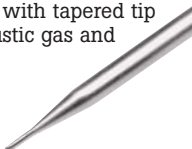
### 80PK-3A Surface Probe

- 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



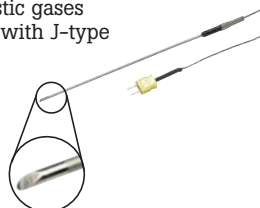
### 80PK-8 Pipe Clamp Temperature Probe

- 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



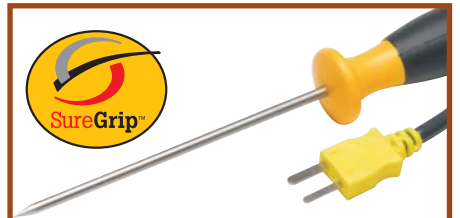
### 80TK Thermocouple Module

- 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

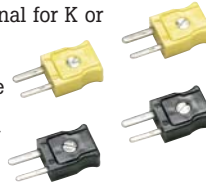
### 80PR-60 RTD Temperature Probe

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



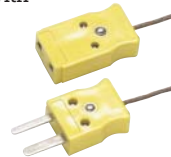
### 80CK-M & 80CJ-M type K & J Male Mini-Connectors

- 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 80PT-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 | 43B | 120 Series | 190 Series | 1577 | 1587 | 51/52/53/54 II | 66/68 | 705 / 707 | 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      | 2  | 1   | 2   | 2   | 1   | 1          | 1          | 1    | 2    | •              |       | 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