

Temperature Accessories

Contact Probes

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

80BK Low-cost Integrated DMM Probe

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

80PK-2A Immersion Probe

- Type-K thermocouple for use in liquids and gels
- Measurement range: -40 to 982°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-4A Air Probe

- Type-K thermocouple for use in air or gases, except halides and sulfides
- Bead protected by perforated baffle
- Measurement range: -40 to 816°C

80PK-5A and 80PT-5A Piercing Probe

- 80PK-5A : Type-K thermocouple suitable for food industry, liquids and gels except halides and sulfides
- 80PT-5A operates with T-type thermometers • Measurement range: -40 to 260°C



- **80PK-6A Exposed Probe**
- Type-K thermocouple provides fast response for non-reducing air and gases, except halides, sulfides, and vacuums
- Measurement range: -40 to 816°C

80PK-7 Industrial Surface Probe

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

80T-150U Universal Temperature Probe

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



• Output: 1mV/°C

80TK Thermocouple Module

- Converts a DMM to a
- thermometer • For use with type-K thermocouples in low voltage applications (below 24Vac,



- 60V dc) • Measurement
 - range: -50 to 1000°C (probe dependent)





Temperature Accessories

Non-Contact Probes

80T-IR & 80PK-IR Infrared Temperature Probes

- Ideal for applications where object being measured cannot be touched
- Provides instant and highly repeatable readings
- 80T-IR (for DMMs) and 80PK-IR (for digital thermometers) have automatic shut-off after 10 minutes
- Senses infrared energy emitted by an object
 Measurement range: -18 to 260°C





Other Temperature Accessories

80CK-M & 80CJ-M type K & J Male

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

80AK

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

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

- Extending and repairing J, K ot 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 Jtype 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 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 T (blue), one Type R/S (green), one



744 787

••

••

1

| thermometers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|--------|----------|----|------------|---------------|--------------|--------|------------------|---------------|---------------|---------------|---------------|--------|------------|----|--------|-----|--------|----|---------------|------------------------|--------|-----|-----|-----|-----|-----|-----|----------|----------------|----------|-----------|------------|------|------|-----|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperature Probe Compatibility Chart | | | | | | | | | | | | Ì | | | | Ì | | ĺ | | | | | | | ĺ | | ĺ | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | ľ | | | | | | \square | ľ | 1 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 I | | | | | | . | |
| | | | | | | | | | | | | | | | | | | | | | | ۱, | | 38 | | | | | | 1 I | | | | | | . | |
| | | 12B | | | | | | | | | | | | | | | | | | | | | series | 33/ | | | | | | 1 I | | | | | | . | |
| | 0 | 1 | | | | | | 日 | Ξ [; | 8060A / 8062A | | | | | | | | | | | | 9 | se | က် | | | | | | 1 I | | | | | | . | |
| | 7-600 | 12 / | | | H | | | Series | 26/79 Series III | 8 | | Ħ | Ξİ | | | | | | | | | 5 | t ; | 2 | | | | | | 1 I | | | | | | . | |
| | 4 | / 1 | | | Series III | 73 Series III | 21/75 Series | E | EI. | ~ | S. | 85 Series III | 87 Series III | Series | 189 Series | | ~ | | Series | | | 100/000 11/27/23/27 | 5 1 | /32 | | | | | | 1 I | | | | | | . | |
| | 0 | Ξ | | | jų. | i ii | S | S | S. | A | Ξ. | Ë, | Ξ. | er | Į. | | 41B | | ١ğ | | | 5 | 3 | 33 | | | | | | 1 I | | | | | | . | |
| | 7-300 | \sim | | | | N N | E I | 23/77 | Ë ? | 6 | 83 Series | Š | Ϋ́ | 20 | 6 | 2 | \sim | 0 | ől | | 45 EOG/EOD | | 0. | | ß | | ~ | - | | 0 | | ~ | 4 | 2 | 741B | 743B | 4 |
| Contact Droken | 1 | 10 | 16 | 27 | 2 | 73 | 21 | 133 | 28 | 8 | 8 | 85 | 28 | 187 | <u>8</u> | 86 | 33 | 123 | 190 | 43 | 142 | 8 5 | | 30/ | 705 | 712 | 713 | 714 | 715 | 716 | TIT | 718 | 724 | 725 | 2 | 4 | 744 |
| Contact Probes 80PK-1 through 80PK-9 | | | 2 | 1 | <u>,</u> | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | | 1 | 1 | 1 | 1 | | | - | | _ | | • | _ | | \vdash | <u> </u> | • | • | • | • | - |
| 80T-150U | | • | 4 | 1 | | 1 | | | • | | | | | | | | - | | • | | 1 | - | - | - | | - | | | • | | \vdash | <u> </u> | i | | | • | |
| 80PJ-1, 80PJ-9 | | • | | • | - | • | - | - | - | - | - | - | - | • | - | • | - | • | - | - | - | | | - | | - | | • | - | $ \neg $ | $ \rightarrow$ | - | | ŏ | | ŏ | |
| 80PT-5A | | | | | - | | | - | - | | - | | - | | - | | - | | - | - | + | | | - | | - | | ě | - | -+ | | - | | ě | | ě | |
| 80BK | | | • | | | | - | + | - | | - | | - | • | • | | - | | - | - | | + | - | | | | | - | - | -+ | | - | +- | <u> </u> | - | - | - |
| Non-Contact Probes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 80T-IR | | ٠ | • | ۲ | • | • | • | • | • | • | • | • | • | • | • | • | | • | • | • | | | | | • | | | | ٠ | | | | | | | | |
| 80PK-IR | | | 2 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | • | | | | | • | • | • | • | ۲ |
| Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80AK | | | ۰ | | | | | | | | | | | • | | | | | | | | | | | | | | | | | | | | | | | |
| SOTK | | • | • | ٠ | ٠ | • | • | • | • | • | • | • | • | • | • | • | | • | • | • | | | | | • | | | | ۲ | | | | • | • | • | • | • |
| 80CK-M | | | <u> </u> | | | | | -+ | \rightarrow | _ | _ | _ | _ | | _ | | | | _ | | | | | _ | | _ | | • | | | \vdash | — | ↓● | ↓ ● | | | |
| SOCJ-M | | | <u> </u> | - | <u> </u> | | _ | + | + | + | \rightarrow | | _ | | _ | | _ | | _ | -+ | | | | _ | | _ | | • | | | \vdash | | ╇ | 1. | | - | - |
| 80PK-EXT, 80PJ-EXT 80PT-EXT | | | | | | | | _ | — | _ | _ | | _ | | _ | | _ | | _ | | - | | | _ | | _ | | • | | | \vdash | — | • | | • | • | |
| OUP1-EA1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | | | | | | • | | • | • |

Pub_ID: 10015-eng Rev. 02 1: Requires 80TK 2: Requires 80AK

cy:





this product is available from:



Thurlby Thandar Instruments Ltd.

Glebe Road, Huntingdon Cambs. PE29 7DR England **Tel: 01480 412451** Fax: 01480 450409 email: sales@tti-test.com web: www.tti-test.com

TTi is an official technical distributor for the Fluke Test Tools and Bench Instruments range in the UK.

We aim to keep many of the most popular products in stock for immediate delivery.

We can provide technically based advice on the use of these products and our sales engineers will be pleased to arrange a demonstration.



Measurably Better Value

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Environmental Test Equipment category:

Click to view products by Fluke manufacturer:

Other Similar products are found below :

 CW40
 F150C10E3DRT
 F150LTC20
 F150CD10E2
 F150L75
 F150LRS
 2837806
 4328074
 4366444
 S-11
 382153
 700PTP-1
 GEO

 CABLE-REEL-50M
 H115
 H300
 F150-SLC50
 AW-CO-1000
 AW-H2S-100
 AW-NmHc-100
 ES1-CO-1000-01
 P 2801
 P 2802
 TM-197

 ULD-420-EUR
 TM-192
 TM-192D
 TM-305U
 UT309C
 EL-P-TC-T-SURFACE
 1500000059
 HS115
 MR59
 12227021
 13123602
 13123601

 12255930
 12983030
 30171091
 30198712
 30198755
 30209323
 12229067
 12230090
 7358958
 12231398
 12231487
 7390674

 7390682
 12231550
 I2231550
 I2231550
 I2231550
 I2231550
 I2231550