

Fluke t3000 FC Wireless K-Type Temperature Module

A versatile K-type thermocouple thermometer wirelessly relays measurements to other Fluke Connect™ enabled master units, listed below.

- Fluke 3000 FC DMM
- Fluke Ti200/300/400 Infrared Camera
- PC via optional pc3000 FC Adapter
- Fluke Connect Mobile app

t3000 FC main features include:

- K-type Thermocouple Thermometer
- 80PK-1 K-type Bead Thermocouple
- Use as a standalone meter or as part of the system
- Logging function for recording and saving up to 65,000 readings
- Magnetic hanging strap
- Other K-type temperature probes also available

t3000 FC general specifications

| | |
|---------------------------------------|---|
| Range | K-type: -200 °C to 1372 °C |
| Resolution | 0.1 °C |
| Accuracy | ± [0.5 % + 0.3 °C] counts |
| Input terminals | K-type mini |
| LCD w/backlight | 3 ½ digits |
| Log rate/interval | 1 sec minimum/adjustable by PC |
| Battery type | 2 AA, NEDA 15 A, IEC LR6 |
| Battery life | 400 hours |
| Memory | Record up to 65,000 readings |
| RF communications | 2.4 GHZ ISM Band |
| RF communication range | Open air, unobstructed: Up to 20 m Obstructed, sheetrock wall: Up to 6.5 m Obstructed, concrete wall or steel electrical enclosure: Up to 3.5 m |
| Operating temperature | -10 °C to +50 °C |
| Storage temperature | -40 °C to +60 °C |
| Temperature coefficient | 0.01 % of reading +0.03 °C per °C |
| Temperature scale | ITS-90 |
| Operating humidity | 90 % at 35 °C, 75 % at 40 °C, 45 % at 50 °C |
| Altitude | Operating: 2,000 m Storage: 12,000 m |
| EMC | EN 61326-1:2006 |
| Safety compliance | IEC 61010-1, CAT I, 3rd edition Pollution Degree 2 |
| Certifications | CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE |
| Ingress Protection (IP) rating | IP42 |
| Pollution Degree | 2 |
| Size (HxWxD) | 16.5 cm x 6.35 cm x 1.4 cm (6.5 in x 2.5 in x 1.4 in) |
| Weight | .22 kg (8 oz) |

(Not compatible with Fluke CNX test tools)

