

Fluke t3000 FC Wireless K-Type Temperature Meter

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

- Fluke 3000 FC DMM
- Fluke TiX560/520 Infrared Camera
- 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 % + 0.5 °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 61326-1:2013
Safety compliance	IEC 61010-1, 3rd edition
Certifications	cCSAus, 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)



Ordering information

Main units:

FLK-3000FC FC Wireless Digital Multimeter

Meter modules:

FLK-A3000FC FC Wireless AC Current Clamp Meter

FLK-A3001FC FC Wireless iFlex AC Current Meter

FLK-A3002FC FC Wireless AC/DC Current Meter Module

FLK-A3003FC FC Wireless DC Current Clamp Meter

FLK-A3004FC FC Wireless DC 4–20mA Current Meter

FLK-V3000FC FC Wireless AC Voltage Meter

FLK-V3001FC FC Wireless DC Voltage Meter

FLK-T3000FC FC Wireless K-Type Temperature Meter

FLK-PC3000FC PC Adapter and Software

Kits:

FLK-3000 FC Industrial Kit Fluke 3000 FC Industrial System includes multimeter, three iFlex clamp meters, one ac voltage meter, PC adapter and desktop software, accessories

FLK-3000 FC General Maintenance Kit Fluke 3000 FC General Maintenance System includes multimeter, iFlex clamp meter, ac voltage meter, dc voltage meter, PC adapter and desktop software, accessories

FLK-3000 FC HVAC Kit Fluke 3000 FC HVAC System includes multimeter, ac current clamp meter, temperature meter, PC adapter and desktop software, accessories

FLK-T3000 FC Kit Fluke t3000 FC Kit includes multimeter, temperature meter, accessories

FLK-A3000 FC Kit Fluke a3000 FC Kit includes multimeter, ac current clamp meter, accessories

FLK-A3001 FC Kit Fluke a3001 FC Kit includes multimeter, iFlex clamp meter, accessories

FLK-V3000 FC Kit Fluke v3000 FC Kit includes multimeter, ac voltage meter, accessories

FLK-V3001 FC Kit Fluke v3001 FC Kit includes multimeter, dc voltage meter, accessories

FLK-V3003 FC Kit Fluke v3003 FC Kit includes multimeter, ac voltage meter, dc voltage meter, accessories

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