TECHNICAL DATA

# Fluke t3000 FC Wireless Temperature Module




## Key features

The Fluke t3000 FC Wireless K-Type Temperature Module 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

With the Fluke t3000 FC Wireless K-Type Temperature Module you can:

- Use as a standalone meter or as part of the system
- Logging function for recording and saving up to 65,000 readings

## Product overview: Fluke t3000 FC Wireless Temperature Module

**See it. Save it. Share it.**

All the facts, right in the field. The Fluke t3000 FC Wireless K-Type Temperature Module is one member of a family of wireless test tools that let you share test data using the Fluke Connect® app with ShareLive™ video call.

Fluke Connect Wireless Test Tools put tools, not your body, near live electrical panels. It's simple. Connect the t3000 FC wireless temperature module, or any of the other Fluke Connect remote modules, and read the results on the Fluke Connect Wireless Multimeter or a portable PC from a safe distance.

Better still, the Fluke Connect test tools can send measurement data to your smartphone, so you can save and share measurements from the field with your team anytime, from anywhere.

**Don't get bogged down while isolating intermittent electrical faults**

Timing is everything when trying to find an intermittent problem and the hard part is, it doesn't always show up when you have your meter connected. We've solved that problem with Fluke Connect – leave your remote modules connected to log measurements and walk away to address other issues. You can then download the data for further analysis.

**Work safely near electrical panels while wearing less PPE**

Personal protective equipment (PPE) can save your life, but it's bulky, hot and hard to work in. With Fluke Connect, there's no need to work in front of live open panels or moving/hazardous machinery.

Picture having the ability to access live readings without being exposed to the live panel. It's easy. Just de-energize the cabinet, open the panel while wearing PPE and connect one or more t3000 FC modules. Close the cabinet, re-energize and let the Fluke Connect system work, reducing the risk of arc flash by separating yourself from hazardous measurement situations.

**Testing 3-phase is now faster and cheaper**

When your cabinet is de-energized, attach a Fluke Connect voltage module to each phase. Close, re-energize and start taking readings. What used to take hours and use costly equipment can be done in minutes with an affordable Fluke Connect wireless system.

**Take 3-phase measurements in 1/3 the time. Add your laptop and go from logging to analysis and diagnosis.**

You can solve problems faster by seeing live measurements from multiple test points on a single screen. Using t3000 FC temperature modules, you can:

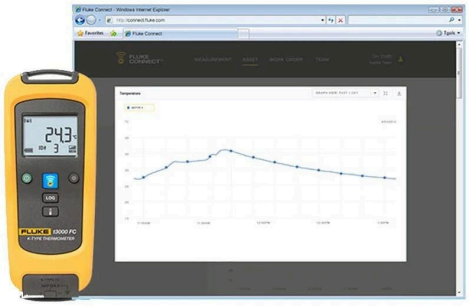
- Spot temperature differences between three phases in 1/3 the time of previous methods.
- Send data to your laptop and go from logging to analysis and diagnosis.
- Record over time to monitor circuit load changes for an hour, a shift or a week.
- Use the Fluke Connect wireless USB adapter to collect logged data from remote modules by walking past a working module and downloading logged data.
- Perform for analysis with your PC and share the results using Fluke Cloud™ storage and ShareLive™ video call. View data or graphs to get input from team members.

# Specifications: Fluke t3000 FC Wireless Temperature Module

| 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 61326-1:2006 | |
| 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 (H x W x D) | 16.5 x 6.35 x 1.4 cm (6.5 x 2.5 x 1.4 in) | |
| Weight | .22 kg (8 oz) | |
| Warranty | Three years | |
| Not compatible with Fluke CNX test tools | | |

# Ordering information



### FLK-t3000 FC

Fluke t3000 FC Wireless Temperature Module
80PK-1 K-Type Bead Thermocouple

Includes:

- Fluke t3000 Thermocouple Thermometer
- Magnetic hanging strap
- Other K-Type temperature probes also available




**Preventive maintenance simplified. Rework eliminated.**

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect™ system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Access baseline, historical and current measurements by asset.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- Share your measurement data using ShareLive™ video calls and emails.

Find out more at **flukeconnect.com**

Download on the App Store

ANDROID APP ON Google play



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**Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.**