TECHNICAL DATA

Fluke Connect™ ir3000 FC Connector

WIRELESSLY TRANSFER DATA
Share data from your existing Fluke tools to your smart phone

SUPPORTED FLUKE TOOLS:
• **Digital multimeter: 287, 289**
• **Process tool: 789**
• **Insulation tester: 1550C, 1555**

SUPPORTED SMART PHONES:
• **Android™ 4.4 and up**
• **iPhone® 4s and later**

Connect your Fluke test tool with the ir3000 FC Connector and get all the benefits of the Fluke Connect mobile app

The new ir3000 FC Connector allows you to add Fluke Connect communications capability to your Fluke 287 or 289 digital multimeters, 789 ProcessMeter, or 1550C/1555 insulation testers. It fits over the existing IR port of your Fluke tools, and give you the ability to graph, save, and share the tool's readings with your team from your smart phone.

With the ir3000 FC Connector and Fluke Connect, you can identify and diagnose problems quickly and confidently. Efficiently and safely capture real-time readings of the primary display from the field, and share the results instantly with your team.
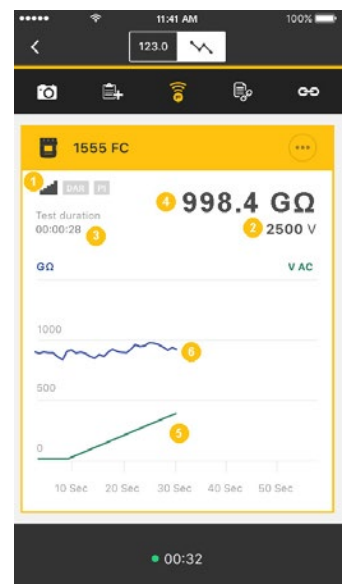
Insulation testing with Fluke Connect

The 1550C and 1555 Insulation Testers use the ir3000 FC Connector to transmit results to Fluke Connect software. With Fluke Connect, real time trending gives you easy-to-see visual cues, rather than rapidly changing, hard-to-read values.

The ramp test shown would be difficult to interpret if you were only looking at the display on the tester. But by using Fluke Connect, you can easily see:

1. A ramp test has been chosen during setup.

2. An ending test voltage of 2500 V was chosen.

3. The test has run for 28 seconds so far.

4. The current, instantaneous resistance measurement is 998.4 GΩ.

5. The test voltage has been ramping upwards.

6. During that time, the measured resistance has been increasing slowly. If the resistance drops off, this would suggest poor insulation health or moisture content. With a sudden drop in resistance the 155x will cut the voltage and display the ramped voltage and resistance.

This single display on your smart phone or tablet gives you more information, in less time, than was previously available with just the instrument display.

General specifications

Model	FLUKE-IR3000FC
Battery type	Two AAA Alkaline batteries, ANSI-24A IEC-LR03
Battery life	6 hours of continuous transmission
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
Temperature	Operating: –10 °C to 50 °C
	Storage: –20 °C to 60 °C
Certifications	CSA, FCC, CE, IC
Warranty	Three years
Weight	80 g
Size (HxWxL)	3.2 cm x 7.6 cm x 6.4 cm (1.25 in x 3.0 in x 2.5 in)
Compatibility	Fluke 187, 189, 287, 289, 789

FLUKE CONNECT®

Simplify preventive and predictive maintenance tasks:

Fluke Connect improves maintenance productivity and safety by wirelessly collecting measurement data from over 30 test tools and condition monitoring sensors. The Fluke Connect Mobile App for Android™(4.4 and up) and iOS (4s and later) saves equipment measurements to the cloud where they can be referenced at any time and accessed by the entire team.

- Make confident decisions—Create before and after comparisons with data you can trace. No more searching through records. All measurements are automatically saved in a single location.

- Troubleshoot faster—Correlate results with infrared, vibration, and other measurement data to confirm findings (requires Fluke Connect Assets™ software, sold separately).

- Quickly read asset status—Get data at your fingertips. The software cre-ates trend graphs of measurements you can analyze to determine if equipment is degrading over time.

- Start sharing—Share your measurement data with team members with ShareLive™ video calls and emails.

Find out more at **flukeconnect.com**

Ordering information

FLK-IR3000FC
Fluke Connect ir3000 FC Connector (289, 287, 789)

FLUKE-IR3000FC 1550
Fluke Connect ir3000 FC Connector (1550C, 1555)

Review the information on both models to ensure you are selecting the one that supports your existing Fluke tool. Download the Fluke Connect mobile app from the Apple or Google app store and get started.

Smart phone or tablet not included with Fluke Connect software.
Fluke Connect functionality will be added throughout this year.
Not all functions may be available at time of purchase.

Fluke. *Keeping your world up and running.*™

Footnote: All trademarks are the property of their respective owners. 3500 Series Sensors are designed to communicate only with the Fluke Connect Gateway and Fluke Connect Condition Monitoring software. WiFi or cellular service required to share data. Smartphone, wireless service and data plan not included with purchase. First 5 GB of storage is free. Phone support details can be viewed at fluke.com/phones.Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.