

**TECHNICAL DATA**

# Fluke 1587 FC/1577 Insulation Multimeters


**FLUKE CONNECT COMPATIBLE  
(1587 FC ONLY)**

Download the free Fluke Connect® app from iTunes or Google Play to enable graphs within the Pi/DAR function, memory storage, and temperature compensation

**DISPLAY**

Large, 6000-count back-lit display

**VFD**

Low-pass filter for accurate motor drive measurements (1587 FC only)

**INSULATION TEST**

1587 FC: 0.01 MΩ to 2 GΩ

1577: 0.1 MΩ to 600 MΩ

**INSULATION TEST VOLTAGES**

1587 FC: 50 V, 100 V, 250 V, 500 V, 1000 V

1577: 500 V, 1000 V

**WARRANTY**

Three-year standard warranty; extendable to five-years through product registration within 45 days of purchase\*

**The High-Performance 2-in-1 Insulation DMM**

The Fluke 1587 FC and 1577 Insulation Multimeters combine a digital insulation tester with a full-featured, true-rms digital multimeter in a single compact, handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance.

The Fluke 1587 FC Insulation Multimeter adds four powerful new diagnostic functions through the Fluke Connect® Measurements app:

- PI/DAR timed ratio tests with TrendIt™ graphs identifies moisture and contaminated insulation problems faster
- Memory storage through Fluke Connect eliminates writing down results, reduces errors and saves data for historical tracking over time
- Temperature Compensation through app for establishing accurate baselines and relevant historical comparisons
- Historical tracking and trending of assets identifies degradation over time, allows real-time decisions to be made in the field with Fluke Connect® Assets (sold separately)



Store and share data using the Fluke 1587 FC with Fluke Connect Measurements App.

## Product Highlights

- PI/DAR timed ratio tests (1587 FC only)
- Live circuit detection prevents insulation test if voltage > 30 V is detected for added user protection
- VFD low-pass filter for accurate motor drive measurements (1587 FC only)
- Auto-discharge of capacitive voltage for added user protection
- Insulation test (1587 FC: 0.01 MΩ to 2 GΩ) (1577: 0.1 MΩ to 600 MΩ)
- Insulation test voltages (1587 FC: 50 V, 100 V, 250 V, 500 V, 1000 V), (1577: 500 V, 1000 V) for many applications
- AC/DC voltage, DC millivolts, AC/DC milliamps, Resistance (Ω), Continuity
- Capacitance, diode test, temperature, Min/Max, frequency (Hz) (1587 FC only)
- Auto power off to save battery power
- CAT III 1000 V, CAT IV 600 V measurement category
- Large display with backlight
- Rugged, utility hard case allows you to bring everything you need for the job
- Included accessories: Remote probe, test leads and probes, alligator clips, (K-type thermocouple, 1587 FC only)
- Accepts optional Fluke TPAK Magnetic Meter Hanger for convenient hands free operation
- Three-year standard warranty; extendable to five-years through product registration within 45 days of purchase\*



## General Specifications

|                                                                                                           |                                                                                                                                                                                                                                                                                                                                                         |                    |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Maximum voltage applied to any terminal and common                                                        | 1000 V                                                                                                                                                                                                                                                                                                                                                  |                    |
| Storage temperature                                                                                       | -40 °C to 60 °C (-40 °F to 140 °F)                                                                                                                                                                                                                                                                                                                      |                    |
| Operating temperature                                                                                     | -20 °C to 55 °C (-4 °F to 131 °F)                                                                                                                                                                                                                                                                                                                       |                    |
| Temperature coefficient                                                                                   | 0.05 x (specified accuracy) per °C for temperatures <18 °C or >28 °C (<64 °F or >82 °F)                                                                                                                                                                                                                                                                 |                    |
| Relative humidity                                                                                         | Noncondensing                                                                                                                                                                                                                                                                                                                                           |                    |
|                                                                                                           | 0 % to 95 % @ 10 °C to 30 °C                                                                                                                                                                                                                                                                                                                            | (50 °F to 86 °F)   |
|                                                                                                           | 0 % to 75 % @ 30 °C to 40 °C                                                                                                                                                                                                                                                                                                                            | (86 °F to 104 °F)  |
|                                                                                                           | 0 % to 40 % @ 40 °C to 55 °C                                                                                                                                                                                                                                                                                                                            | (104 °F to 131 °F) |
| Vibration                                                                                                 | Random, 2 g, 5-500 Hz per MIL-PRF-28800F, Class 2 instrument                                                                                                                                                                                                                                                                                            |                    |
| Radio frequency communication                                                                             | 2.4 GHz ISM Band                                                                                                                                                                                                                                                                                                                                        |                    |
| Radio frequency certification                                                                             | FCC: T68-FBLE, IC: 6627A-FBLE                                                                                                                                                                                                                                                                                                                           |                    |
| Electromagnetic compatibility                                                                             |                                                                                                                                                                                                                                                                                                                                                         |                    |
| International IEC 61326-1: Portable Electromagnetic Environment; IEC 61326-2-2 CISPR 11: Group 1, Class A | Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.                                                                                                                                                                             |                    |
|                                                                                                           | Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances. |                    |
|                                                                                                           | Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object. The equipment may not meet the immunity requirements of this standard when test leads and/or test probes are connected.                                                                                                               |                    |

**General specifications cont.**

|                               |                                                                                                                                                                                                                                                   |                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Korea (KCC)                   | Class A Equipment (Industrial Broadcasting & Communication Equipment)                                                                                                                                                                             |                             |
|                               | Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.                     |                             |
| USA (FCC)                     | 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.                                                                                                                                                               |                             |
| Enclosure protection          | IEC 60529: IP40 (non-operating)                                                                                                                                                                                                                   |                             |
| Safety                        | IEC 61010-1                                                                                                                                                                                                                                       | Pollution Degree 2          |
|                               | IEC 61010-2-033                                                                                                                                                                                                                                   | CAT IV 600 V/CAT III 1000 V |
| Batteries                     | Four AA batteries (NEDA 15A or IEC LR6)                                                                                                                                                                                                           |                             |
| Battery life                  | Meter use 1000 hours; Insulation test use: Meter can perform at least 1000 insulation tests with fresh alkaline batteries at room temperature. These are standard tests of 1000 V into 1 MΩ with a duty cycle of 5 seconds on and 25 seconds off. |                             |
| Size                          | 5.0 cm H x 10.0 cm W x 20.3 cm L (1.97 in H x 3.94 in W x 8.00 in L)                                                                                                                                                                              |                             |
| Weight                        | 550 g (1.2 lb)                                                                                                                                                                                                                                    |                             |
| Altitude                      | Operating                                                                                                                                                                                                                                         | 2000 m                      |
|                               | Storage                                                                                                                                                                                                                                           | 12,000 m                    |
| Over-Range capability         | 110 % of range except for capacitance which is 100 %                                                                                                                                                                                              |                             |
| Frequency overload protection | <10 <sup>7</sup> V-Hz                                                                                                                                                                                                                             |                             |
| Fuse Protection for mA input  | 0.44A, 1000 V, IR 10 kA                                                                                                                                                                                                                           |                             |

**Electrical specifications**
**AC voltage measurement**
**Accuracy (1587 FC only)**

| Range    | Resolution | 50 Hz to 60 Hz<br>± (% of Rdg +<br>counts) | 60 Hz to 5000 Hz<br>± (% of Rdg + counts) |
|----------|------------|--------------------------------------------|-------------------------------------------|
| 600.0 mV | 0.1 mV     | ± (1 % + 3)                                | ± (2 % + 3)                               |
| 6.000 V  | 0.001 V    | ± (1 % + 3)                                | ± (2 % + 3)                               |
| 60.00 V  | 0.01 V     | ± (1 % + 3)                                | ± (2 % + 3)                               |
| 600.0 V  | 0.1 V      | ± (1 % + 3)                                | ± (2 % + 3) <sup>1</sup>                  |
| 1000 V   | 1 V        | ± (2 % + 3)                                | ± (2 % + 3) <sup>1</sup>                  |

<sup>1</sup> 1 kHz bandwidth

**Low-Pass Filter Voltage (1587 FC only)**

| Range    | Resolution | 50 Hz to 60 Hz<br>± (% of Rdg +<br>Counts) | 60 Hz to 400 Hz<br>± (% of Rdg + Counts) |
|----------|------------|--------------------------------------------|------------------------------------------|
| 600.0 mV | 0.1 mV     | ± (1 % + 3)                                | + (2 % + 3) - (6 % - 3)                  |
| 6.000 V  | 0.001 V    | ± (1 % + 3)                                | + (2 % + 3) - (6 % - 3)                  |
| 60.00 V  | 0.01 V     | ± (1 % + 3)                                | + (2 % + 3) - (6 % - 3)                  |
| 600.0 V  | 0.1 V      | ± (1 % + 3)                                | + (2 % + 3) - (6 % - 3)                  |
| 1000 V   | 1 V        | ± (2 % + 3)                                | + (2 % + 3) - (6 % - 3)                  |

**1577 accuracy**

| Range    | Resolution | 50 Hz to 60 Hz<br>± (% of Rdg + Counts) |
|----------|------------|-----------------------------------------|
| 600.0 mV | 0.1 mV     | ± (2 % + 3)                             |
| 6.000 V  | 0.001 V    | ± (2 % + 3)                             |
| 60.00 V  | 0.01 V     | ± (2 % + 3)                             |
| 600.0 V  | 0.1 V      | ± (2 % + 3)                             |
| 1000 V   | 1 V        | ± (2 % + 3)                             |

|                                               |                                                                                                                                                                                                                                                                                                |  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| AC Conversion                                 | Inputs are ac coupled true-rms responding and specified from 5 % to 100 % of range. Input signal crest factor can be up to 3 up to 500 V, decreasing linearly to a crest factor ≤1.5 at 1000 V. For non-sinusoidal waveforms add ± (2 % reading + 2 % FS) typical, for a crest factor up to 3. |  |
| Input Impedance                               | 10 MΩ (nominal), <100 pF, ac-coupled                                                                                                                                                                                                                                                           |  |
| Common mode rejection ratio (1 kΩ unbalanced) | >60 dB at dc, 50 or 60 Hz                                                                                                                                                                                                                                                                      |  |

**DC voltage measurement**

| Range      | Resolution | Accuracy 1587 FC <sup>1</sup><br>± (% of Rdg + Counts) | Accuracy 1577 <sup>1</sup><br>± (% of Rdg + Counts) |
|------------|------------|--------------------------------------------------------|-----------------------------------------------------|
| 6.000 V dc | 0.001 V    | ± (0.09 % + 2)                                         | ± (0.2 % + 2)                                       |
| 60.00 V dc | 0.01 V     | ± (0.09 % + 2)                                         | ± (0.2 % + 2)                                       |
| 600.0 V dc | 0.1 V      | ± (0.09 % + 2)                                         | ± (0.2 % + 2)                                       |
| 1000 V dc  | 1 V        | ± (0.09 % + 2)                                         | ± (0.2 % + 2)                                       |

<sup>1</sup>Accuracies apply to ± 100% of range.

Input Impedance: 10 MΩ (nominal), &lt;100 pF

Normal mode rejection ratio: &gt;60 dB @ 50 Hz or 60 Hz

Common mode rejection ratio: &gt;120 dB @ dc, 50 Hz or 60 Hz (1 k unbalanced)

**DC millivolts measurement**

| Range       | Resolution | Accuracy 1587 FC<br>± (% of Rdg + Counts) | Accuracy 1577<br>± (% of Rdg + Counts) |
|-------------|------------|-------------------------------------------|----------------------------------------|
| 600.0 mV dc | 0.1 mV     | ± (0.1 % + 1)                             | ± (0.2 % + 1)                          |

**DC and AC current measurement**

| Range                     |        | Resolution | Accuracy 1587 FC<br>± (% of Rdg+Counts) | Accuracy 1577<br>± (% of Rdg+Counts) | Burden voltage<br>(Typical) |
|---------------------------|--------|------------|-----------------------------------------|--------------------------------------|-----------------------------|
| AC<br>45 Hz to<br>1000 Hz | 400 mA | 0.1 mA     | ± (1.5 % + 2) <sup>1</sup>              | ± (2 % + 2) <sup>1</sup>             | 2 mV/mA                     |
|                           | 60 mA  | 0.01 mA    | ± (1.5 % + 2) <sup>1</sup>              | ± (2 % + 2) <sup>1</sup>             |                             |
| DC                        | 400 mA | 0.1 mA     | ± (0.2 % + 2)                           | ± (1.0 % + 2)                        | 2 mV/mA                     |
|                           | 60 mA  | 0.01 mA    | ± (0.2 % + 2)                           | ± (1.0 % + 2)                        |                             |

<sup>1</sup>1 kHz bandwidth

Overload: 600 mA for 2 minutes maximum

Fuse protection for mA Input: 0.44 mA, 1000 V, IR 10 kA

AC conversion: Inputs are ac coupled true-rms responding and specified from 5 % to 100 % of range. Input signal crest factor can be up to 3 up to 300 mA, decreasing linearly to crest factor ≤1.5 at 600 mA. For non-sinusoidal waveforms add +(2 % reading + 2 % FS) typical, for a crest factor up to 3.

**Ohms measurement**

| Range       | Resolution | Accuracy 1587 FC <sup>1</sup><br>+ (% of Rdg+Counts) | Accuracy 1577 <sup>1</sup><br>+ (% of Rdg+Counts) |
|-------------|------------|------------------------------------------------------|---------------------------------------------------|
| 600.0 Ω     | 0.1 Ω      | ± (0.9 % + 2)                                        | ± (1.2 % + 2)                                     |
| 6.000 kΩ    | 0.001 kΩ   |                                                      |                                                   |
| 60.00 kΩ    | 0.01 kΩ    |                                                      |                                                   |
| 600.0 kΩ    | 0.1 KΩ     |                                                      |                                                   |
| 6.000 MΩ    | 0.001 MΩ   | ± (1.5 % + 3)                                        | ± (2.0 % + 3)                                     |
| 50.0 MΩ [2] | 0.01 MΩ    |                                                      |                                                   |

<sup>1</sup>Accuracies apply from 0 % to 100 % of range. <sup>2</sup>Up to 80 % relative humidity.

Overload protection: 1000 V rms or dc

Open circuit test voltage: <8.0 V dc

Short circuit current: <1.1 mA

**Diode test (1587 FC only)**

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Diode test indication | Display voltage drop: 0.6 V at 1.0 mA nominal test current: |
| Accuracy              | ± (2 % + 3)                                                 |

**Continuity test**

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Continuity indication | Continuous audible tone for test resistance below 25 Ω and off above 100 Ω.<br>Maximum reading: 1000 Ω |
| Open circuit voltage  | <8.0 V                                                                                                 |
| Short circuit current | 1.0 mA typical                                                                                         |
| Overload protection   | 1000 V rms                                                                                             |
| Response time         | >1 m sec                                                                                               |

**Frequency measurement (1587 FC only)**

| Range     | Resolution | Accuracy ± (% of Rdg+Counts) |
|-----------|------------|------------------------------|
| 99.99 Hz  | 0.01 Hz    | ± (0.1 % + 1)                |
| 999.9 Hz  | 0.1 Hz     | ± (0.1 % + 1)                |
| 9.999 kHz | 0.001 kHz  | ± (0.1 % + 1)                |
| 99.99kHz  | 0.01 kHz   | ± (0.1 % + 1)                |

**Frequency counter sensitivity**

| Input range | V ac Sensitivity (RMS Sine Wave) <sup>1</sup> |                   | DC trigger levels to 20 kHz <sup>2</sup> |
|-------------|-----------------------------------------------|-------------------|------------------------------------------|
|             | 5 Hz to 20 kHz                                | 20 kHz to 100 kHz |                                          |
| 600.0 mV ac | 100.0 mV                                      | 150.0 mV          | NA                                       |
| 6.0 V       | 1.0 V                                         | 1.5 V             | -400.0 mV and 2.5 V                      |
| 60.0 V      | 10.0 V                                        | 36.0 V            | 1.2 V and 4.0 V                          |
| 600.0 V     | 100.0 V                                       |                   | 12.0 V and 40.0 V                        |
| 1000.0 V    | 300.0 V                                       |                   | 12.0 V and 40.0 V                        |

<sup>1</sup>Maximum input for specified accuracy = 10x range (1000 V max). Noise at low frequencies and amplitudes may affect accuracy.

<sup>2</sup>Usable to 100 kHz with full scale input.

**Capacitance (1587 FC only)**

| Range    | Resolution | Accuracy ± (% of Rdg+Counts) |
|----------|------------|------------------------------|
| 1000 nF  | 1 nF       | ± (1.2 % + 2)                |
| 10.00 μF | 0.01 μF    |                              |
| 100.0 μF | 0.1 μF     | ± (1.2 % + 90 counts)        |
| 9999 μF  | 1 μF       |                              |

**Temperature measurement (1587 FC only)**

| Range              | Resolution | Accuracy <sup>1</sup> ± (% of Rdg+Counts) |
|--------------------|------------|-------------------------------------------|
| -40 ° C to 537 ° C | 0.1 ° C    | ± (1 % + 10 counts)                       |
| -40 ° F to 998 ° F | 0.1 ° F    | ± (1 % + 18 counts)                       |

<sup>1</sup>Accuracies apply following 90 minutes settling time after a change in the ambient temperature of the instrument.



## Insulation specifications

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| <b>Measurement range</b>          | Model 1587 FC: 0.01 MΩ to 2 GΩ<br>Model 1577: 0.1 MΩ to 600 MΩ          |
| <b>Test voltages</b>              | Model 1587 FC: 50, 100, 250, 500, 1000 V<br>Model 1577: 500, 1000 V     |
| <b>Test voltage accuracy</b>      | +20 %, -0 %                                                             |
| <b>Short-Circuit test current</b> | 1 mA nominal                                                            |
| <b>Auto discharge</b>             | Discharge time <0.5 second for C = 1 μF or less                         |
| <b>Live circuit detection</b>     | Inhibit test if terminal voltage > 30 V prior to initialization of test |
| <b>Maximum capacitive load</b>    | Operable with up to 1 μF load                                           |

### Model 1587 FC

| Output voltage        | Display range   | Resolution | Test current  | Resistance accuracy<br>± (% of R <sub>dg</sub> + Counts) |
|-----------------------|-----------------|------------|---------------|----------------------------------------------------------|
| 50 V (0 % to +20 %)   | 0.01 to 6.00 MΩ | 0.01 MΩ    | 1 mA @ 50 kΩ  | ± (3 % + 5 counts)                                       |
|                       | 6.0 to 50.0 MΩ  | 0.1 MΩ     |               |                                                          |
| 100 V (0 % to +20 %)  | 0.01 to 6.00 MΩ | 0.01 MΩ    | 1 mA @ 100 kΩ | ± (3 % + 5 counts)                                       |
|                       | 6.0 to 60.0 MΩ  | 0.1 MΩ     |               |                                                          |
|                       | 60 to 100 MΩ    | 1 MΩ       |               |                                                          |
| 250 V (0 % to +20 %)  | 0.1 to 60.0 MΩ  | 0.1 MΩ     | 1 mA @ 250 kΩ | ± (1.5 % + 5 counts)                                     |
|                       | 60 to 250 MΩ    | 1 MΩ       |               |                                                          |
| 500 V (0 % to +20 %)  | 0.1 to 60.0 MΩ  | 0.1 MΩ     | 1 mA @ 500 kΩ | ± (1.5 % + 5 counts)                                     |
|                       | 60 to 500 MΩ    | 1 MΩ       |               |                                                          |
| 1000 V (0 % to +20 %) | 0.1 to 60.0 MΩ  | 0.1 MΩ     | 1 mA @ 1 MΩ   | ± (1.5 % + 5 counts)                                     |
|                       | 60 to 600 MΩ    | 1 MΩ       |               | ± (10 % + 3 counts)                                      |
|                       | 0.6 to 2.0 GΩ   | 100 MΩ     |               |                                                          |

### Model 1577

|                       |                |        |               |                      |
|-----------------------|----------------|--------|---------------|----------------------|
| 500 V (0 % to +20 %)  | 0.1 to 60.0 MΩ | 0.1 MΩ | 1 mA @ 500 kΩ | ± (2.0 % + 5 counts) |
|                       | 60 to 500 MΩ   | 1 MΩ   |               |                      |
| 1000 V (0 % to +20 %) | 0.1 to 60.0 MΩ | 0.1 MΩ | 1 mA @ 1 MΩ   | ± (2.0 % + 5 counts) |
|                       | 60 to 600 MΩ   | 1 MΩ   |               |                      |

## Comparison chart

|                                                                                             | 1587 FC | 1577 |
|---------------------------------------------------------------------------------------------|---------|------|
| PI/DAR timed ratio measurements with TrendIt™ graphs through Fluke Connect Measurements app | •       |      |
| Memory storage through Fluke Connect Measurements app                                       | •       |      |
| Temperature Compensation through Fluke Connect Measurements app                             | •       |      |
| VFD low-pass filter for accurate motor drive measurements                                   | •       |      |
| Insulation test voltages 50 V, 100 V, 250 V, 500 V, 1000 V                                  | •       |      |
| Insulation test voltages 500 V, 1000 V                                                      |         | •    |
| Insulation test: 0.01 MΩ to 2.0 GΩ                                                          | •       |      |
| Insulation test: 0.1 MΩ to 600 MΩ                                                           |         | •    |
| Auto-discharge of capacitive voltage                                                        | •       | •    |
| Insulation test smoothing reading                                                           | •       |      |
| Frequency                                                                                   | •       |      |
| Capacitance                                                                                 | •       |      |
| Diode test                                                                                  | •       |      |
| Temperature                                                                                 | •       |      |
| Min/Max                                                                                     | •       |      |
| AC/DC Voltage                                                                               | •       | •    |
| DC Millivolts                                                                               | •       | •    |
| AC/DC Milliamps                                                                             | •       | •    |
| Resistance (0.1 Ω to 50 MΩ)                                                                 | •       | •    |
| Continuity                                                                                  | •       | •    |
| Three-year warranty                                                                         | •       | •    |
| Remote probe, test leads, alligator clips                                                   | •       | •    |
| K-type thermocouple                                                                         | •       |      |
| Rugged, utility hard case                                                                   | •       | •    |
| Auto power off                                                                              | •       | •    |

## Ordering information

**Fluke-1577** Insulation Multimeter

**Fluke-1587** FC Insulation Multimeter

**Fluke-1587/MDT** FC 2-IN-1 ADV Motor & Drive Kit w/9040, i400

**1587KIT/62MAX+** FC 2-IN-1 ADV Elec Kit w/62MAX+ i400

### Included

Remote probe, test leads, alligator clips, K-type thermocouple (1587 FC only), hard case, user documentation

### Optional accessories

**TPAK** Magnetic Tool Hanger

**i400** AC Current Clamp

**C25** Soft Case



## See it. Save it. Share it. All the facts, right in the field.

Fluke Connect® with ShareLive™ video call is the only wireless measurement system that lets you stay in contact with your entire team without leaving the field\*. The Fluke Connect mobile app is available for iPhone models 4S and up running iOS 8.0 or higher, iPad Air and iPad Mini (2nd generation) in an iPhone frame on iPad and iPod Touch (5th generation) HTC One and One M8 running Android 4.4.x or higher LG G3 and Nexus 5 running Android 4.4.x or higher Samsung Galaxy S4 running Android 4.3.x or higher Samsung Galaxy S5 running Android 4.4.x or higher and works with over 20 different Fluke products—the largest system of connected test tools in the world. And more are on the way. Go to the Fluke website to find out more.

\*Within provider's wireless service area.

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