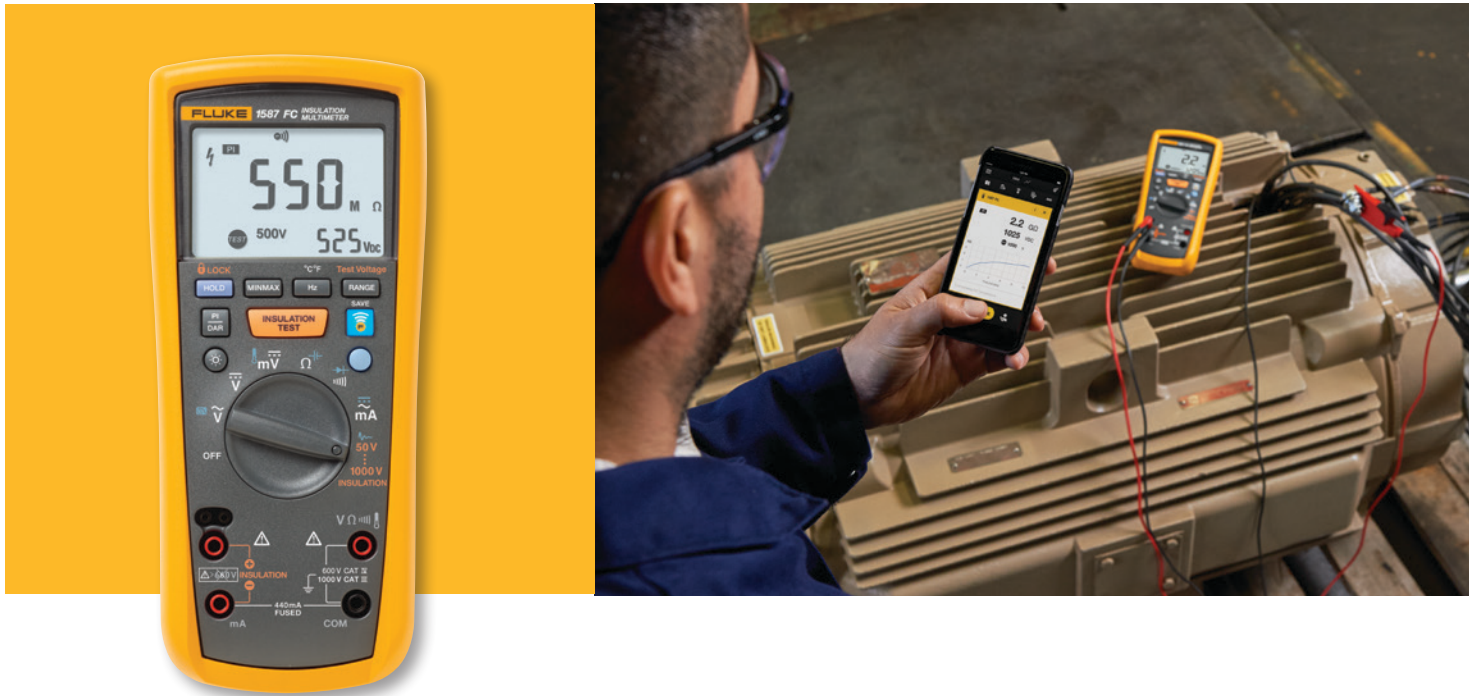


The new high performance 2-in-1 insulation DMM



Combines a digital insulation tester with a full-featured, true-rms digital multimeter in a single compact, handheld unit.

Plus, the Fluke 1587 FC adds four powerful new diagnostic functions through the Fluke Connect® Measurements app:

- PI/DAR timed ratio tests with TrendIt™ graphs identifies problems faster
- Memory storage through Fluke Connect eliminates writing down results, reduces errors and saves data for historical tracking over time
- Temperature compensation establishes 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)

The Fluke 1587 FC Insulation Multimeter provides you with maximum versatility for both troubleshooting and preventative maintenance.

NEW capabilities in 1587 FC Insulation Multimeter





- The Fluke 1587 FC replaces the Fluke 1587 with state-of-the-art wireless capabilities through FC app and advanced insulation testing performance
- The 1587 FC provides superior price/performance and improved customer experience incorporating FC app capabilities
- The existing 1587 is the best-selling 2-in-1 insulation dmm; the new 1587 FC offers even more

Fluke 1587 FC Insulation Multimeter

Who needs the 1587 FC and reason to buy



Application, working environment	Customer segments	Reasons to perform insulation testing
<ul style="list-style-type: none"> Processing plants Electrical power, control and distribution equipment Industrial machinery and production (MIA) 	Industrial	Insulation testers allow you to test for electrical insulation failure under controlled conditions, similar to pressure testing a water pipe, insulation testers help you determine integrity of cables, windings on motors and transformers, and numerous electrical equipment & installations. Insulation testers are essential in any electrical system for proper and safe equipment operation per industry standards, IEEE Std 43-2000, and other recognized organizations. The InterNational Electrical Testing Association (NETA) also provides representative and minimum insulation values for various voltage ratings of equipment for use when manufacturer's data is not available.
<ul style="list-style-type: none"> Manufacturing facilities Commercial office buildings HVAC 	Facilities maintenance	
<ul style="list-style-type: none"> On-site field service Field repairs and installation 	Field service	

	Dedicated Tool		2-in-1 Combo Tool	
				
	Fluke 1503 Insulation Tester	Fluke 1507 Insulation Tester	Fluke 1577 Insulation DMM	NEW Fluke 1587 FC Insulation DMM
Test voltage range	500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V	500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V
Insulation range	0.1 MΩ to 2 GΩ	0.1 MΩ to 10 GΩ	0.1 MΩ to 600 MΩ	0.1 MΩ to 2 GΩ
AC/DC voltage measurement	600 V	600 V	1000 V	1000 V
Earth bond resistance (Low ohms continuity test)	•	•		
DC/AC mA measurement			•	•
DC mV measurement			•	•
Ohms measurement			•	•
VFD low-pass filter				•
Full featured dmm (contact temp, diode test, capacitance, frequency)				•
PI/DAR timed ratio tests New		•		•
Memory storage through FC app New				•
Historical trends through FC app New				•
Temperature compensation through FC app New				•



1587 FC versus the competition

	Fluke 1587 FC	Competition
Brand	Built by Fluke—the most trusted tools in the world	Only a couple of credible competitors, however, they don't have the breadth of Fluke's portfolio for preventive and predictive maintenance
Memory	Memory Storage through FC app eliminates writing down results, reduces errors and saves data for historical tracking over time	Better than most competitors with Bluetooth® and real time and historical graphing for comparisons over time
PI/DAR plus TrendIt™ graphs	Ability to perform PI/DAR while also graphing in real time for immediate identification of problems, storing information to the Fluke Cloud and sharing from anywhere in the field	Only a couple of competitors offer real time results, all others must be connected to PC in order to download and manipulate results requiring more time and are more complicated to operate
Accessories	Remote probe—easy to use remote probe to safely and conveniently trigger an insulation test instead of starting test on meter	Better than most although most competitors accessories are flimsy and do not have a remote probe
FC compatible	Ability to compare results of multiple FC enabled tools for advanced analysis and historical tracking	Some competitor products are Bluetooth® enabled but do not offer the wide basket of product solutions
Temperature compensation through FC app	Ability to establish a baseline and accurately compensate and compare results when performing predictive maintenance	Only one manufacturer offers temperature compensation, all others require manual compensation and don't even acknowledge the need



Customer questions you may encounter:

Question: How does Fluke Connect® help me on my job?

Answer: When troubleshooting intermittent faults you can leave the meter inside the cabinet and store results on your smart device. When performing preventive maintenance, Fluke Connect measurements app will allow users to compensate for temperature and establish an accurate baseline with relevant historical comparisons over time.

Question: How does Fluke Connect make my job safer?

Answer: After you have verified the panel is de-energized, you can place your Fluke Connect meter inside, enable the capture and record functions and reenergize the panel. Now the meter is exposed to hazardous voltages, not you.

Question: Why is Fluke coming out with new 2-in-1 Insulation meters?

Answer: They are updating their line to better address customer needs. This new meter is more diverse and offers relevant benefits to their everyday needs. It now allows users to save and trend data directly to their mobile device, stay safe with remote viewing, sharing and emailing test results seamlessly. Additionally, users can perform Polarity Index and Dielectric Absorption Ratio time tests to identify excessive moisture or contamination in insulation.



Ordering information		
Fluke oracle #	Fluke model #	Description
4691215	FLUKE-1587 FC	2-in-1 insulation multimeter
4692716	FLUKE-1587/MDT FC	2-in-1 adv motor and drive kit w/9040, i400
4692778	1587KIT/62MAX+ FC	2-in-1 advanced electrical tr insulation multimeter kit w/62max+ i400
4692725	FLUKE-1587/I400 FC	2-in-1 insulation multimeter w/clamp



Learn more at flukeconnect.com

Fluke. Keeping your world up and running.®

Fluke Corporation
PO Box 9090,
Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or Fax (425) 446-5116
In Europe/M-East/Africa +31 (0)40 267 5100 or Fax +31 (0)40 267 5222
In Canada (800)-36-FLUKE or Fax (905) 890-6866
From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116
Web access: <http://www.fluke.com>

©2015 Fluke Corporation. Specifications subject to change without notice. All trademarks are the property of their respective owners. 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. 9/2015 6006127a-en

Modification of this document is not permitted without written permission from Fluke Corporation.