MULTIFUNCTION INSTALLATION TESTERS

Fluke's Multifunction Installation Testers are built to test fixed wiring installations based on the IEC 60364-6 regulation, and all your local equivalent standards. The Fluke 1660 Series Installation Testers are the only installation testers that help prevent damage to connected appliances, and also allow users to send test results wirelessly via smartphone directly from the field.

Insulation Pretest (1664 FC only)
Protect the installation and avoid costly mistakes. If the tester detects that appliances are connected to the system during test, it will stop the insulation test and provide a visual and audible warning.

Auto test (1664 FC only)
Reduce test time up to 40 %, reduce the number of manual connections and decrease the possibility of making errors. Do all required installation tests in ONE sequence, ensuring compliance with local installation regulations.

Fluke Connect™ compatible (1664 FC only)
Save time without losing information. Eliminate data entry by wirelessly syncing measurements directly from your installation tester. Retrieve stored results from the office or in the field to make decisions in real time.



FEATURED PRODUCTS



FLUKE CONNECT®

Fluke 1664 FC Multifunction Installation Tester

Get more from your installation tester. The only tester with "Insultation PreTest" that stops you from performing tests with appliances that are connected to the system during test. This helps eliminate accidental damage and keeps your customers happy. In addition, it offers you Fluke Connect and Auto Test.

The 1664 FC puts more power in your hands by quickly and efficiently testing to all local regulations, protecting appliances that may be inadvertently connected to the system under test, and making it easy to share test results over your smartphone.



Fluke 1663 Multifunction Installation Tester

Ideal for professional trouble-shooters. Operation is intuitive and easily mastered by all levels of field workers. This instrument is ideal for professional users–high-end functionality, advanced measurement capability, yet it is still easy to use.

The Fluke 1663 puts more power in your hands by quickly and efficiently testing to all local regulations.



Fluke 1662 Multifunction Installation Tester

A solid, basic installation tester. Get Fluke's reliability, simple operation and all the testing power you need for day-in, day-out installation testing. It tests to all local regulations and is easy and intuitive to use. Additional helpful features like the On/Off switchable auto-start for RCD and loop test, and self-test save time and give you more confidence in your results.

MULTIFUNCTION INSTALLATION TESTERS SELECTION GUIDE



Models	1664 FC	1663	1662
Basic features			
Insulation-PreTest™ safety function	•		
Insulation at L-N, L-PE, N-PE inputs	•		
Auto Test sequence	•		
Loop and line resistance—mΩ resolution	•		
Continuity at L-N, L-PE, N-PE inputs	•	•	
Test smooth dc sensitive RCDs (Type B/B+)	•	•	
Earth resistance	•	•	
Voltage trms (ac and dc) and frequency	•	•	•
Wiring polarity checker, detects broken PE and N wires	•	•	•
Insulation resistance	•	•	•
Continuity and resistance	•	•	•
Measure motor windings with continuity test (@ 10 mA)	•	•	•
Loop and line resistance	•	•	•
Prospective Earth Fault Current (PEFC/IK)	•	•	•
Prospective Short-Circuit Current (PSC/IK)	•	•	•
RCD trip time	•	•	•
RCD trip current (ramp test)	•	•	•
Measures trip time and current for RCD type A and AC in one test	•	•	•
RCD variable test current	•	•	•
Automatic RCD test sequence	•	•	•
Phase sequence test	•	•	•
Z Max Memory	•	•	
Memory	•	•	•
IR-USB and BLE interface (when used with optional Fluke DMS and FVF software)	IR-USE/BLE	IR-USB	IR-USB