

Fluke 1660 Series Multifunction Installation Testers

What's new. What's different. Which is the right model?

The new Fluke 1660 Series Multifunction Installation Testers are the only installation testers that help prevent damage to connected appliances, while allowing users to wirelessly e-mail results from the field. Auto Test does all required installation tests in one sequence, ensuring compliance with local installation regulations.

Installation tester conversion guide

The 1662, 1663 and 1664 FC will replace the existing 1650 Series products. No new orders for 1650 Series testers will be accepted after 29 July, 2016.

Old model	New model	Features changes–What's new
1651	1662	RCD tripping current level ramp test
		RCD auto test and ramp test
		Pulsating dc sensitive RCD tests (G & S-type)
		Remote probe
		On/Off switchable auto-start for RCD and Looptest
		Heavy duty, single input line cord
		Computer interface
1652	1662	On/Off switchable auto-start for RCD and Looptest
		Heavy duty, single input line cord
		Computer interface
1653	1663	Continuity at L-N, N-PE inputs
		On/Off switchable auto-start for RCD and looptest
		Z max memory
		Heavy duty, single input line cord
1654	1664 FC	Insulation-PreTest™ safety function
		Insulation at L-N, N-PE inputs
		Automatic test sequence
		Continuity at L-N, N-PE inputs
		Fluke Connect® compatibility
		ShareLive™ Calling
		FlukeCloud™ Storage
		On/Off switchable auto-start for RCD and looptest
		Z max memory
Heavy duty, single input line cord		

Fluke 1660 Series Comparison Guide

Measurement function	1664 FC	1663	1662
Insulation-PreTest™ safety function New	•		
Insulation at L-N, N-PE and L-PE inputs New	•		
Automatic test sequence New	•		
Loop and line resistance–mΩ resolution	•		
Continuity at L-N, N-PE and L-PE inputs New	•	•	
Test smooth dc sensitive RCDs (Type B)	•	•	
Earth resistance	•	•	
Voltage (True-rms) 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 switching time	•	•	•
RCD trip time	•	•	•
RCD trip current (ramp test)	•	•	•
Measures trip time and current for RCD type A & ac in one test	•	•	•
RCD variable test current	•	•	•
Automatic RCD test sequence	•	•	•
Phase sequence test	•	•	•
Other features			
Fluke Connect compatibility New	•		
ShareLive™ Calling New	•		
FlukeCloud™ Storage New	•		
On/Off switchable auto-start for RCD and looptest New	•	•	•
Self-test	•	•	•
Illuminated display	•	•	•
Memory, interface			
Z max memory New	•	•	
Memory	•	•	•
IR-USB and BLE interface (use with optional Fluke DMS and FVF software)	IR-USB/BLE	IR-USB	
Included accessories			
Heavy duty, single input line cord New	•	•	•
Hard case	•	•	•
Remote control probe	•	•	•
Zero adapter	•	•	•