


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE/ROBIN

Fluke Robin 1653 Multifunction Installation Tester

The Fluke 1653 is a multifunction installation tester for verifying electrical installations against wiring regulations. OEM Fluke 165x family literature covers continuity, insulation resistance, loop/line impedance, RCD testing, and voltage/frequency measurements for electricians commissioning installations. Electrical installation verification, insulation and continuity testing of fixed wiring, RCD trip time/current checks, and loop impedance measurements on distribution circuits. Multifunction installation test sequences Electrical installation verification, insulation and continuity testing of fixed wiring, RCD trip time/current checks, and loop impedance measurements on distribution circuits. Multifunction installation test sequences

Instrument Family: Fluke 1653 installation tester Primary Functions: continuity insulation loop RCD voltage frequency



MODEL	CALIBRATION
Fluke/Robin 1653	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
1653	https://aumictechlabs.com/products/1653-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke Robin 1653 is a comprehensive installation tester designed to verify the safety and compliance of electrical installations. It has a wide range of testing functions, including continuity measurement to check for complete circuits, insulation resistance testing to identify insulation breakdown, loop impedance testing to assess fault current paths, RCD testing to ensure proper operation of residual current devices, and voltage measurement for accurate readings. The tester is built with a rugged enclosure and intuitive interface for ease of use in various working

conditions. It is an essential tool for electricians and electrical engineers to ensure electrical systems are safe, reliable, and meet regulatory requirements.

1653 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Fluke 1653 installation tester
Primary Functions	continuity insulation loop RCD voltage frequency
Insulation Test Voltages Class	selectable 50 V to 1000 V class on 165x family
Continuity Test	low ohm continuity class
Loop Impedance	yes
RCD Test	trip time and trip current class
Voltage Measurement	yes
Frequency Measurement	yes
Display	digital installation tester display
Form Factor	handheld installation tester
Battery Powered	yes
Safety Category Class	CAT rated per faceplate
Memory	results storage class on 165x
Remote Probe Path	supported on family
Earth Resistance Path	configuration dependent on 165x variants
Phase Sequence Class	yes on family
Wiring Polarity Checks	yes class
Operating Standards Class	IEC 60364 / BS 7671 style verification workflows
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class

1653 Specifications

PARAMETER	VALUE
Fluke 1653 Installation Tester	Overview
Loop and line impedance	RCD testing modes on 165x family
Technical Specifications	Instrument Family: Fluke 1653 installation tester

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
Capability rows from Fluke 165x Installation Tester family literature for the 1653. Confirm exact insulation voltages loop ranges and RCD types supported on the specific 1653 faceplate and firmware.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.