

Fluke 1587 Insulation Multimeter Kit With R8100 Borescope

Advanced multi-functional digital multimeter with built-in insulation testing functions make this the ideal all-round tool for troubleshooting, commissioning and maintenance.



DESCRIPTIONS:

Fluke 1587FC-KIT2 Offers:

The Fluke 1587FC

- Auto discharge of capacitive voltage
- AC/DC Voltage
- DC millivolts
- AC/DC milliamps
- Resistance (0.1 Ω to 50 M Ω)
- Continuity
- Three-year warranty
- Remote probe, test leads, alligator clips
- Rugged, utility hard case
- Auto power off to save battery power
- True-rms
- Large display with backlight
- CAT III 100V, CAT IV 600V measurement category
- mAccepts optional Fluke TPAKTM magnetic hanging system to free your hands for other work
- Fluke Connects compatibility

SPECIFICATIONS:

Voltage DC

Maximum Voltage: 1000V
Maximum Resolution: 0.001V
Accuracy: $\pm (0.09\%+2)$

Current DC

Maximum Amps: 400mA
Maximum Resolution: 0.01 mA
Amps Accuracy: $\pm (0.2\%+2)$

Resistance

Maximum Resistance: 50 M Ω
Maximum Resolution: 0.1 Ω
Accuracy: $\pm(0.9\%+2)$

Voltage AC

Maximum Voltage: 1000V
Maximum Resolution: 0.1 mV
Accuracy: $\pm (2\%+3)$

Current AC

Maximum Amps: 400mA
Maximum Resolution: 0.01 mA
Amps Accuracy: $\pm(1.5\%+2)^*$

Insulation Test

- Minimum Test Current @ 1k Ω /V:1mA
- Test Voltages: 1577:500, 1000V
- Maximum Resistance per Test Voltage: 50V; 100V; 250V; 500V; 1000V: 600 M Ω
- Maximum Resolution per Test Voltage: 50V: 0.01 M Ω ; 100V: 0.01 M Ω ; 250V: 0.1 M Ω ; 500V: 0.1 M Ω ; 1000V: 0.1 M Ω
- Accuracy per Test Voltage: 50V: $\pm(3\% + 5)$; 100V: $\pm(3\% + 5)$; 250V: $\pm(1.5\% + 5)$

General Specifications

- Dimensions: 203x100x50mm (with holster)
- Weight: 624g
- 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 M Ω with a duty cycle of 5 seconds on and 25 seconds off.
- IP Rating: IP40

REED R8100

FEATURES:

- High definition inspection scope detects and diagnoses problems without direct physical or visual access
- Provides real time imaging only
- High resolution 2.4" colour TFT LCD monitor with display resolution of 480(W)X 234(H)
- 17mm imager head with 1m flexible gooseneck retains configured shape and is waterproof
- Gooseneck is expandable up to 30' with optional cable extensions
- Four high visibility LED lights provide illumination in dark locations with brightness control
- 2X zoom button and 180° mirror rotation button
- Operates on 4 x 1.5V "AA" batteries

APPLICATIONS

Commonly used in the visual inspection of aircraft engines, aero-derivative industrial gas turbines, steam turbines, diesel engines, and automotive and truck engines. They are also used in manufacturing of machined or cast parts to inspect critical interior surfaces for burrs, surface finish or complete through-holes. Other common uses include forensic applications in law enforcement and building inspection, and in gun-smithing for inspecting the interior bore of a firearm.

