



Model 4175 TMF

Insulation & Multifunction Tester



Features

- Microprocessor-controlled.
- Telecommunication test voltage: 50V and 100V.
- Large range of insulation test voltages: 50, 100, 125, 250, 500, 1000V.
- Mov / protection devices test.
- Gas Arrester function.
- Automatic voltmeter AC/DC at Start/Reset.
- Test ON-OFF.
- Battery test.
- Safety voltmeter before each test.
- Auto-discharge on all test and all ranges.
- Battery test at Switch ON-TEST.
- Smart hold & Stop on voltmeter AC/DC.
- Leads AUTO-NUL Key.
- Test Auto-stop.
- Auto range.
- Ener-Save™.

Specifications

Insulation Resistance

Test voltage (DC) and Measuring ranges	50V / 0.1MΩ~400MΩ 100V / 0.1MΩ~800MΩ 125V / 0.1MΩ~1GΩ 250V / 0.2M~2GΩ 500V / 0.2MΩ~4GΩ 1000V / 0.2M~8GΩ
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Output voltage @ 1mA: Rated test Voltage +10%

Accuracy: 0.1MΩ~4GΩ : ±3%rdg
4GΩ~8GΩ : ±5%rdg

Nominal voltage rated: 1mA

Short circuit current : 1.2mA

Polarization index(PI): √

Dielectric absorption ratio (DAR): √

Continuity

Ranges: 0.01~100Ω / 100 ~300Ω /300~1999Ω

Accuracy: 0.01~100Ω : ±1.0%rdg
100~300Ω : ±1.5%rdg
300~1999Ω : ±2.0%rdg

Auto-null: up to 5Ω

Buzzer: up to 3Ω

Voltmeter

DC voltage: 0-950V

AC voltage: 0-700V

Resolution: 1V

Accuracy: ±1.5% rdg

Mov Test

Measuring range: 5~1020 Vdc
Accuracy: ±(3%rdg + 2dgt)

GAS Arrester Test

Measuring range: 5~1020 Vdc
Accuracy: ±(3%rdg + 2dgt)

General

Fuse: 500mA 250V (5 × 20mm) HBC. Fast Blow

Display: LCD

Operating temperature: 0°C to 40°C

Storage temperature: -10°C to 50°C

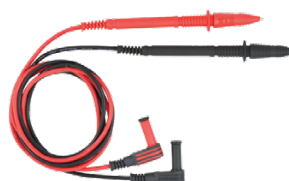
Dimensions: 250(L) × 190(W) × 110(D)mm

Weight: Approx. 1500g (battery included)

Power source: 1.5V (AA) × 8 Alkaline batteries

Safety standard: EN 61010-1 CAT III 600V. EN 61326-1

Accessories: Instruction manual. Test leads. Shoulder belt. Batteries.



AL-24-5



AL-21C2-4