



# Model 2788 MF

## Insulation & Multifunction Tester



### Features

- Auto-range microprocessor-controlled.
- Insulation test voltages: 250V, 500V, 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.
- Leads Auto-null key.
- Test Auto-stop.
- Smart hold & stop on voltmeter AC/DC.
- Ener-Save™.

### Specifications

#### Insulation Resistance

Test voltage (DC V)	250V / 500V / 1000V
Measuring ranges	250V : 0.2MΩ~2GΩ 500V : 0.2MΩ~4GΩ 1000V : 0.2MΩ~8GΩ
Accuracy	0.2MΩ~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
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Resolution	2 counts
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

#### KΩ Test

Ranges	1~400kΩ
Short circuit test current	≥1.3mA

#### Voltmeter

DC voltage	0-950V
AC voltage	0-700V
Resolution	1V
Accuracy	±1.5% rdg

#### Diode Test

Max test current	1.5 mA
Resolution	0.1V
Measurement voltage	0-4.5V
Accuracy	±3% rdg

#### Mov Test

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

#### GAS Arrester Test

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

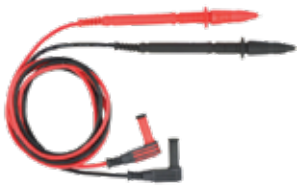


### Accessories

- Instruction manual
- Test leads
- Auxiliary earth spikes
- Simplified measurement probe
- Shoulder belt
- Batteries



TOC-2751



AL-24-5



AL-21C2-4



CCO-2700 B (Optional)

### General

Fuse	500mA 250V (5 × 20mm) HBC. Fast Blow
Display	2 lines × 16 characters LCD
Operating temperature	0°C to 40°C
Storage temperature	-10°C to 50°C
Dimensions	205(L) × 90(W) × 55(D)mm
Weight (battery included)	Approx. 1460g
Power source	1.5V (AA) × 6V Alkaline batteries
Safety standard	EN 61010-1 CAT III 600V EN 61326-1

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