



## Insulation Testers

- Test voltage combinations: 250 V, 500 V or 1000 V
- 1 mA test current for MΩ range at rated voltage
- 200 mA test current for continuity range
- Continuity test with beeper
- Large, easy-to-read dual display with backlight
- Data hold switch
- Test button may be locked on for hands-free operation
- Double moulded plastic housing
- Supplied with test leads, batteries and plastic carrying case
- Meets IEC61010-1 Cat. III 1000 V

### SPECIFICATIONS:

#### Insulation resistance tests

**Test Voltage:** 250 V, 500 V, 1000 V  
**Measurement Range:** 200 MΩ, 2000 MΩ  
**Accuracy:** ± 3.5% rdg. ± 5 dgt.

#### Resistance tests

**Measurement Range:** 200 Ω, 2000 Ω  
**Accuracy:** ± 1% rdg. ± 2 dgt.

#### Voltage tests

**Measurement Range:** 750 VAC; 1000 VDC  
**Accuracy:** AC: ± 1.2% rdg. ± 10 dgt.  
 DC: ± 0.8% rdg. ± 3 dgt.

#### Continuity tests

**Measurement Range:** Beeps ≤ 40 Ω  
**Test Current:** ≤ 200 mA

#### General

**Power Supply:** 6 x 1.5 V AA batteries  
**Dimensions:** 200 x 92 x 50 mm  
**Weight:** 700 g



## REED

Model No.	Mfg. No.	Description	Price/Each
IA194	R5600	Insulation Tester	
NJW171	R5600-NIST	Insulation Tester w/ISO Certificate	

## Insulation Testers

- Compact, rugged, reliable and easy to use
- With their multiple test voltages, they are ideal for many troubleshooting, commissioning, and preventive maintenance applications
- AC/DC voltage is 0.1 V to 600 V
- 200 mA continuity
- Resistance is 0.01 Ω to 20.00 kΩ
- Auto power off to save battery power
- Comes with a remote probe, test leads and probes and alligator clips
- Covered by a one-year warranty
- Cat. III 1000 V, Cat. IV 600 V over voltage category rating for added user protection



## FLUKE

Model No.	Mfg. No.	Description	Price/Each
IA213	1503	Insulation Test Range: 0.1 MΩ to 2 GΩ Insulation Test Voltage: 500 V, 1000 V	
IA214	1507	Insulation Test Range: 0.01 MΩ to 10 GΩ Insulation Test Voltage: 50 V, 100 V, 250 V, 500 V, 1000 V	

## Insulation Testers

- A compact and easy-to-use insulation and continuity tester that is ideal for more arduous environments
- Three insulation test ranges: 250 V, 500 V, 1000 V
- 200 mA measuring current on continuity testing
- Live circuit warning buzzer and neon lamp
- Automatic discharge of circuit capacitance
- Dust and drip proof construction (designed to IP54)
- Continuity range: 3 Ω and 500 Ω



## KYORITSU

Model No.	Mfg. No.	Description	Price/Each
IA193	KEW3132A	Insulation Tester	

## Insulation/Continuity Testers

- Polarisation Index (PI) and Dielectric Absorption Ratio (DAR) functions as well as test results storage
- Included accessories: Red/black silicone lead set with clips, protective rubber boot
- Designed to meet the safety requirements for use on CAT IV 600 V



## Megger

### SPECIFICATIONS:

#### Nominal Test Voltages:

50 V, 100 V, 250 V, 500 V, 1000 V

#### Insulation Resistance Range:

2 to 200 GΩ

#### Analogue Range:

1 GΩ full scale

#### Short Circuit Current:

2 mA + 0% - 50%

#### Leakage Current Range:

10 μA to 2000 μA

#### Leakage Current Accuracy:

10% rdg. ± 3 dgt.

#### Voltage Display:

3% rdg. ± 3 dgt. ± 0.5% of rated voltage

#### Polarisation Index (PI):

10 min/1 minute ratio

#### Dielectric Absorption Ratio (DAR):

60 sec/30 sec ratio

#### Continuity Range:

0.01 to 99.9 Ω (0 to 100 Ω on analogue scale)

#### Accuracy:

± 2% rdg. ± 2 dgt. (0 to 100 Ω)

#### Open Circuit Voltage:

5 V ± 1 V

#### Test Current:

205 mA (± 5 mA) (0.01 to 9.99 Ω);

20 mA (± 1 mA) (10.0 to 99.9 Ω)

Variable limit, 1 Ω, 2 Ω, 5 Ω, 10 Ω, 20 Ω

#### Resistance Range:

0.01 to 1000 kΩ (0 to 1 MΩ on analogue scale)

#### Accuracy:

± 3% rdg. ± 2 dgt. up to 50 kΩ,

then ± 5% rdg. ± 2 dgt.

#### Open Circuit Voltage:

5 V ± 1 V

#### Short Circuit Current:

1.5 mA ± 0.2 mA

#### Voltage Range:

0 to 600 VDC

#### Accuracy:

± 2% rdg. ± 2 dgt.

#### Frequency Range:

40 to 450 Hz

#### Accuracy:

± 0.5% rdg. ± 1 dgt.

#### Capacitance Range:

100 pF to 10 μF

#### Accuracy:

± 5.0% rdg. ± 2 dgt.

#### Storage Capacity:

>1000 test results

#### Power Supply:

5 x 1.5 V, Alkaline batteries,

NiMH rechargeable cells may be used

2200 insulation tests with duty cycle of 5 sec

ON /55 sec OFF @ 1000 V into 1 MΩ

220 x 92 x 50 mm (8.66 x 3.63 x 1.97")

590 g (20.73 oz)

#### Battery Life:

#### Dimensions:

#### Weight:

Model No.	Mfg. No.	Description	Price/Each
IA811	MIT420	Insulation/Continuity Tester	

## Insulation Testers

- Measurements from 500 V to 5000 V and up to 60 GΩ
- Sources up to 1.2 mA current during tests to offset capacitance load
- Dielectric absorption ratio measurements (DAR)
- Polarization index measurement (PI)
- Time set measurement function
- Auto-discharge function and voltage output warning function
- Live circuit warning symbols plus audible warning
- Live circuit detection prevents insulation test if >30 V is detected
- Max/Min, Peak, Relative value and Data Hold functions
- 6000-count digital display with bargraph and backlight
- Meets IEC61010-1 Cat. IV 600 V safety standards
- Includes test leads, batteries and carrying case
- Accredited calibration available

## REED



### SPECIFICATIONS:

#### Insulation Resistance

#### Test Voltages:

500 V, 1000 V, 2500 V, 5000 V DC

#### Insulation Resistance Range:

0 to 60.0 GΩ

#### Resistance Test Range:

0.1 to 6000 Ω

#### Voltage Range:

0.5 to 600.0 V AC/DC

Model No.	Mfg. No.	Description	Price/Each
IA855	R5002	Insulation Tester	
NJW156	R5002-NIST	Insulation Tester w/ISO Certificate	