

**NEW**

# Model 4401

## MULTI RANGE 1KV INSULATION TESTER



CE



### FEATURES

- Measures Insulation Resistance, Continuity and AC Voltage
- Three rated test voltages of 250V, 500V and 1000V
- IR measurement upto 2000M
- Robust Design: Protection class IP54
- 200mA current for continuity measurement
- Auto discharge of test voltage
- Meets international safety standards EN 61010-1 CAT III 600V

## KOICO 4401 ELECTRICAL SPECIFICATIONS

### Insulation Resistance

|                                |                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Test Voltage DC V              | 250V / 500V / 1000V                                                                                                                    |
| Measuring Ranges               | 0-2MΩ / 0-20MΩ /<br>0-200MΩ / 0-2000MΩ                                                                                                 |
| Resolution                     | 0.001MΩ/0.01MΩ/0.1MΩ/1MΩ                                                                                                               |
| Output voltage<br>Open Circuit | +10%                                                                                                                                   |
| Accuracy                       | 0-2MΩ : $\pm(5\%rdg + 5dgt)$<br>0-20MΩ : $\pm(1.5\%rdg + 5dgt)$<br>0-200MΩ : $\pm(2.5\%rdg + 3dgt)$<br>0-2000MΩ : $\pm(5\%rdg + 5dgt)$ |
| Output current                 | 1mA DC                                                                                                                                 |

### Continuity Test

|                                   |                        |
|-----------------------------------|------------------------|
| Measuring Range                   | 0-200Ω                 |
| Resolution                        | 0.01Ω                  |
| Measuring Current                 | 200mA DC min           |
| Output voltage<br>on open circuit | 4V DC min              |
| Accuracy                          | $\pm(1.5\%rdg + 3dgt)$ |

### AC Voltage

|                      |                        |
|----------------------|------------------------|
| Range                | 0-600V                 |
| Resolution           | 1V                     |
| Accuracy             | $\pm(1.5\%rdg + 3dgt)$ |
| Line Frequency Range | 40Hz-120Hz             |

## General Specifications

- Digital display: 2000 count display
- Safety rating: CE EN IEC/EN61010-1, IEC/EN 61557-1, IEC/EN 61557-2
- Measurement category: CAT III 600V
- Power supply: Eight AA 1.5V battery
- Low Power indication:  will appear on the LCD screen
- Auto Power off: In 3 minutes of no operation
- Dimensions (length x width x height) 175 X 85 X 75 mm

## Environmental Specifications

- Operating temperature 0 °C to 40 °C (32 °F to 104 °F)
- Storage temperature -10 °C to 60 °C (14 °F to 140 °F)
- Altitude: Upto 2000M

## Supplied Accessories

- Model No. AR-45 (Carrying case),
- Model No. AR-30 (Test Lead),
- Shoulder belt AR-51 (Shoulder belt)
- Battery (1.5V AA x 8)
- Instruction Manual

