

# KEWTECH

## KT61



### PRODUCT DATA SHEET

#### KT61

#### DIGITAL LOOP, RCD, INSULATION/ CONTINUITY TESTER

- Continuity measurement to 200Ω
- Insulation measurement to 200MΩ at 500V
- Loop impedance measurement to 200Ω
- 11 RCD test current ranges
- 0 and 180° phase switch for optimum testing
- Displays mains voltage before test
- Lock-down test button for hands-free testing
- Protected against phase to phase connection
- Instant correct wiring status check
- Complies with BS7671 (Part P)

#### ACCESSORIES

- ACC016E 3 wire distribution board test lead
- KAMP 11 mains lead
- Batteries
- Carrying strap
- Certificate of Conformity
- ACC020 test leads
- Test lead pouch
- Large carrying case
- Instruction Manual

#### OPTIONAL

- ACC018 mains lead with external earth probe
- ACC016D 2 wire distribution board test leads
- ACC040 fused test lead upgrade for ACC020
- Calibration Certificate
- FC1000 Calibration Checker

### SPECIFICATIONS

#### CONTINUITY TESTING

Measuring Ranges	0–19.99 and 10.0–199.9Ω (2 auto ranges)
Open Circuit Voltage	>4V (as per BS 7671)
Short Circuit Current	200mA DC (as per BS 7671)
Accuracy	± (3% + 3dgt)

#### INSULATION TESTING

Measuring Ranges	0–19.99 and 10.0–199.9MΩ (2 auto ranges)
Test Voltage	500V DV
Output voltage on open circuit	570V DC ± 6%
Rated Current	>1mA (as per BS 7671)
Accuracy	± (3% + 3dgt)

#### LOOP IMPEDANCE TESTING

Rated Voltage	230V AC ± 10% (50Hz)
Voltage Measuring Range	100 – 250V AC (50Hz)
Impedance Ranges	20/2000Ω
Normal Test Current	24A (20Ω range) 15mA (2000Ω range)
Test Period	½ cycle (10ms)
Accuracy	20Ω range ± (3% + 8 dgt) 2000Ω range ± (3% + 8dgt)

#### RCD TESTING

Rated Voltage	230 V AC ± 10% (50 Hz)
Trip Current Settings	RCD x ½: 5, 15, 50, 150, 250mA, RCD x 1: 10, 30, 100, 300, 500mA, RCD fast: 150mA
Accuracy	Trip current ± 3% of test current at 230V Trip time ± (3% + 3dgt)
Test Period	½ cycle (10ms)
Accuracy	20Ω range ± (3% + 8 dgt) 2000Ω range ± (3% + 8dgt)
Operating Temperature & Humidity	0 to 40°C, relative humidity 85% or less
Storage Temperature & Humidity	-10 to +50°C, relative humidity 75% or less
Display	Large format 3 ½ digit LCD
User Warning Displayed	Live Circuit, Low Battery Power, Over Temperature, Incorrect Wiring

#### GENERAL

Power Source	6 x 1.5V R6 or LR6
Dimensions	175 x 115 x 86mm
Weight	720g (0.72kg) including batteries