

## KT35

### Digital Insulation/Continuity tester

#### PRODUCT DATA SHEET

#### KT35

#### DIGITAL INSULATION / CONTINUITY TESTER

- 250, 500 & 1000 V Insulation test ranges
- Insulation measurement to 2000M  $\Omega$
- Continuity measurement to 2000  $\Omega$
- Bar graph indication of test voltage
- Memory for test lead resistance compensation
- Lock down test button for hands-free testing
- Live circuit warning
- Protected against accidental connection to live circuit
- Battery check LED
- Auto capacitive circuit discharge facility
- Complies with BS7671 (PART P)



#### SPECIFICATIONS

##### INSULATION TEST RANGES

DC Test Voltage	250V 500V 1000V
Measuring Ranges	0-20M $\Omega$ 0-200M $\Omega$ 0-2000M $\Omega$
Output Voltage on Open Circuit	250V DC $\pm$ 10% 500V DC $\pm$ 10% 1000V DC $\pm$ 10%
Output Voltage	250V DC min. at 0.25M $\Omega$ 500V DC min. at 0.5M $\Omega$ 1000V DC min. at 1M $\Omega$
Output Current (as per BS 7671)	1mA DC Min. at 0.25M $\Omega$ (250V) 1mA DC min. at 0.5M $\Omega$ (500V) 1mA DC min. at 1M $\Omega$ (1000V)
Output Short Circuit Current	1.3mA approx.
Accuracy	20M $\Omega$ / 200M $\Omega$ $\pm$ (1.5% rdg + 5 dgt) 2000M $\Omega$ $\pm$ (10% rdg + 3dgt)

##### CONTINUITY RESISTANCE RANGE

Measuring Ranges	0-20 $\Omega$ , 0-200 $\Omega$ , 0-2000 $\Omega$
Accuracy	0-20 $\Omega$ $\pm$ (1.5% rdg +5dgt) 0-2000 $\Omega$ & 2000 $\Omega$ $\pm$ (1.5% rdg +3dgt)
Open Circuit voltage	4V – 9V
Short Circuit current (BS7671)	200mA min

##### GENERAL

Withstand Voltage	5000V AC maximum for one minute between electrical circuit and housing case
Overload Protection	600V AC for 30 seconds (Insulation resistance ranges) 500mA HRC Ceramic Fuse (Continuity resistance ranges)
Safety Standard	Designed to comply with the requirements of BS EN 61010-1 CAT III BD 4743
Dimensions	175 x 115 x 86mm
Weight	640g
Power Source	6 x 1.5V AA

#### ACCESSORIES

- ACC020 test leads
- Test lead pouch
- Batteries
- Carrying strap
- Instruction Manual
- Certificate of Conformity

#### OPTIONAL

- ACC040 fused test lead upgrade
- Kewcheck R2
- ACC50MTL
- Calibration Certificate