

## KTS 1620 Key Features

### Continuity and Insulation Testing

#### Live circuit warning

A lamp warns if the circuit under test is live

#### Continuity null

Allows automatic subtraction of test lead resistance from continuity measurements

#### Polarity switch

Allows switching of polarity during continuity and insulation tests

#### Auto discharge

Electric charges stored in capacitive circuits are discharged automatically after testing by releasing the test button

#### 250V, 500V and 1000V

DC test voltages for insulation tests

### Loop Impedance, PSC and RCD testing

#### Voltage level

In the loop impedance mode, supply voltage is displayed when the instrument is connected to the supply until the test button is pressed

#### Wiring Check

Three colour coded LED's indicate if the wiring of the circuit under test is correct

#### Over temperature

Detects overheating of the internal resistor protection (used for loop tests) and of the current control MOS FET (used for RCD tests) displaying a warning symbol and automatically halts further measurements

#### Phase angle selector

The test can be selected from either the positive 0° or from the negative 180° half-cycle of voltage. This will prevent tripping of some polarised RCDs when loop testing and can give a more accurate reading when testing RCDs

#### DC Test

Allows testing of RCDs which are sensitive to DC fault currents

#### Auto data hold

Holds the displayed reading for a time after the test is complete

#### Auto power off

Automatically switches the instrument off after a period of non-use

Continuity Tester

Insulation Tester

Loop Impedance Tester

RCD Tester

PSC Tester

## KTS 1620 Accessories

### Included:

SL20 Snap-Lok Test Leads, SL16E Snap-Lok Distribution Board Test Leads, SLP5 External Earth Probe, KAMP10 (UK) Moulded Plug Test Lead, Accessory Pouch, Durable Holdall, Built-in Carrying Case, Batteries, Certificate of Conformity

### Optional

SL16D 2 Wire Loop Test Leads  
Certificate of Calibration,



Triple voltage insulation testing



External Earth Probe socket for loop impedance measurement of extraneous metalwork



Triple range PSC testing



Continuity Auto Null for automatic subtraction of test lead resistance