



Specification  
TEK402/TEK404  
Continuity Tester



**Electrical**

**TEK402 Mk3**

Probe voltage: 9V DC approx

Test current: 5mA

Continuity range (audible): up to 10k $\Omega$  nominal

Audible output level: 85dB minimum at 30cm with leads shorted

Overvoltage protection fuse rating: 50mA, 250V, Fast Acting Ceramic Fuse,  
20mm x 5mm

**TEK404 Mk2**

Probe voltage: 9V DC approx.

Test current: <50 $\mu$ A (across short circuit)

Continuity range: 0 $\Omega$  to 2.2k $\Omega$   $\pm$  10%

Audible output level: 85dB minimum at 30cm with leads shorted

LED indication: bright orange LED Buzzer and LED intensity reduce with  
increasing continuity resistance.

Alarm function threshold: >30V  $\pm$  20V DC & AC rms

**Environmental**

Temperature & humidity (Operating): -10 to 40°C at max 70% R.H.

(Storage): -10°C to 50°C  $\leq$  80% R.H.

Altitude: up to 2000m

Pollution degree 2

**General**

Power: 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A),

Dimensions: 150(H) x 64(W) x 31(D) mm.

Weight: TEK402 Mk3 approx 264g (including leads, croc clips & battery)



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TEK404 Mk2 approx 296g (including leads, croc clips & battery)

Includes: TL49 test leads with uninsulated crocodile clips (TEK402 only), TL47  
test leads with insulated crocodile clips (TEK404 only), 9V battery,  
instructions

**Safety**

TEK402 Mk3 conforms to BS EN 61010-1, max 50 V to earth (no  
measurement category)

TEK404 Mk2 conforms to BS EN 61010-1 CAT III 600 V  
Class II, double insulation

**EMC**

Conforms to BS EN 61326-1

**SPECIFICATION FOR TL47 & TL49 TEST LEADS**

Maximum voltage: 1000V AC/DC Maximum current: 10A continuous

Connector: 4mm banana plug with fixed shroud

**Environmental**

Temperature (operating & storage): 0°C to 40°C

Altitude: up to 2000m

Pollution degree 2

**Safety (TL47)**

Conforms to BS EN 61010-031,

Probe tip caps fitted - CAT IV 600V, CAT III 1000V, 10A

Probe tip caps removed - CAT II 1000V, 10A

Crocodile clip fitted - CAT III 600V, CAT II 1000V, 10A

Class II, double insulation

**Safety (TL49)**

Conforms to BS EN 61010-031,

Probe tip caps fitted - CAT III 1000V, 10A

Probe tip caps removed - CAT II 1000V, 10A

Crocodile clip fitted - Max 50 V to earth (no measurement category), 10A

Class II, double insulation

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