



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 Mk3**

Probe voltage: 9V DC approx. (open circuit probe voltage) 4.6V DC (loaded)  
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 Mk3 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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