

# DET3TA

## Analogue Ground Tester



- IP54 rated
- Clear easy to read analogue display
- 2 and 3 point testing
- Selectable 25 V or 50 V output
- Complete with lead and stake kit
- Simple one button operation
- Hardwearing carry case

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### DESCRIPTION

The new ground testing instrument family from Megger offers a unique solution to your ground rod testing needs. The complete kit of instrument, test leads, stakes and batteries are delivered in a tough polypropylene carry case - everything you need to start testing in one kit.

The ground tester is rated to IP54 making it truly an outdoor instrument. The ground tester has been designed to be easy to use - a large selector switch makes selection of 2 and 3 pole test easy with gloved hands - and the design makes the fitting of shorting links to perform 2 pole tests a thing of the past. A large, clear, easy to read analogue display and thumb sized test button again makes the instrument particularly suited to the outdoor conditions of ground testing.

In addition to this ease of use, the ground tester also allows you to check the connection and condition of the P and C spike, indicating the status on the instrument. The instrument also includes a voltmeter to allow you to measure the ground voltage. The ground tester can measure resistance from 0.01  $\Omega$  through to 2000  $\Omega$  and earth voltages up to 100 V. To allow testing in noisy environments the instrument is capable of rejecting noise of up to 40 V peak to peak.

The Megger analogue ground tester is powered by eight AA batteries which are widely available and also give excellent testing time - the status of these batteries is indicated on the analogue display by selecting the function on the selector switch - allowing you to decide when to change the batteries, before they expire.

The Megger ground testers are designed to meet stringent safety standards and are rated CAT IV 100 V.

**ELECTRICAL SPECIFICATIONS****Ingress protection:**

IP54

**C spike check:**

Automatic

**P spike check:**

By push button

**Noise check:**

By selector switch

**Noise rejection:**

40 V peak to peak

**2-wire test:**

Yes

**3-wire test:**

Yes

**Resistance range:**0.01 to 2000  $\Omega$ **Resistance accuracy:**

2.5% of scale length

**Maximum probe resistance:**Rp limit: 100 k $\Omega$  (50 V output voltage)Rc limit: 100 k $\Omega$  (50 V output voltage)Limits reduced to 50 k $\Omega$  for 25 V output voltageLimits reduced to 5 k $\Omega$  for 0.01  $\Omega$  resolution on 18  $\Omega$  range**Earth voltage range:**

0 - 100 V a.c.

**Earth voltage accuracy:**

2.5% of scale length

**Display**

Moving coil meter

**Battery type:**

8 off AA cells

**Operating temperature range:**

-20 to +50°C

**Storage temperature range:**

-40 to +70°C

**Safety**

EN61010-1 CAT IV 100 V

EN61557-1, EN61557-5

**Dimensions:**

203 x 148 x 78 mm (8 x 5.7 x 3.2 inches)

**Weight:**

1 kg

**ORDERING INFORMATION**

Item (Qty)	Order Code
Analogue tester 2 and 3 terminal	DET3TA
<b>Included Accessories</b>	
Hard carry case	
Stake and wire kit	
<b>Optional Accessories</b>	
Right angled terminal adaptor set	6220-803
2 replacement earth test spikes (200 mm, 80 mm dia.)	6220-804
3 replacement test leads (15 m, 10 m, 3 m)	6220-805
'Getting down to earth' A Megger guide to earth testing	21500-072