



EMC & LVD  
EN: 61326  
EN: 61010-1  
EN: 61010-02-032  
EN: 61010-02-033



**Features**

- Fully programmed operation
- Accurate digital read out of tripping time and Current
- 450ms readout for testing latest delay action breakers
- Two LED lamps give quick check for correct wiring
- Compact, lightweight and simple to operate
- Zero cross circuitry permits testing at 0° and 180° portion of sine wave

**Specifications**

Operational voltage	195V - 253V /45 - 65Hz
Trip current settings	10mA, 30mA, 100mA, 300mA, 500mA, 650mA
Trip current measurement accuracy	±10% ±2digits
Trip time ranges	0ms - 300ms
Trip time accuracy	±5% ±3digits
Ramp test	x0.4 to 1.1 times nominal rated current, accuracy±10 %

Size(HxWxD): 200mm x 70mm x 45mm  
Weight: 253g

Accessories:  
Test leads, 4 x "AA" batteries and Clamshell.



Model 9054



DT-9053 Circuit Analyzer



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9053 insulation test has been evaluated and complies with insulation category III (overvoltage category III). Pollution degree II in accordance with IEC-644 indoor use.

- Digital LCD display with backlit
- Display update for voltage less than 2.5 second
- Over-range indication on all functions
- ACV True RMS measurement

**Specifications**

	Range	Resolution	Accuracy
Line voltage	85.0~250.0 VAC	0.11V	±1.0%rdg ±0.2dpts
Peak line voltage	121.0~354.0 VAC	0.1V	±1.0%rdg ±0.2dpts
Frequency	45.0~65.0 Hz	0.1Hz	±1.0%rdg ±0.2dpts
% voltage drop	0.1% ~99.9%	0.1%	±2.5%rdg ±0.2dpts
Voltage loaded	10.0 ~ 250.0 VAC	0.1V	±2.5%rdg ±0.2dpts
Neutral-Ground V	0.0 ~ 10.0 VAC	0.1V	±2.5%rdg ±0.2dpts
Impedance-Hot neutral & Ground	0.00Ω~3.00Ω> 3Ω	0.01Ω	±2.5%rdg ±0.02dpts
GFCI Trip Time	1ms to 6.5ms counter	1ms	±1.0%rdg ±2ms
GFCI Trip Current	6.0 ~ 9.0mA	0.1mA	±1.0%rdg ±2mA
EPD Trip Current	30.0 ~ 37.0mA	0.1mA	±1.0%rdg ±2mA

Size(HxWxD): 200mm x 70mm x 45mm  
Weight: 206g

Accessories: Clamshell.



Model 9053



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9050 Insulation Tester is designed according to standard EN61557-2, and also respects international electrical safety standard IEC 61010-1.

**Specifications**

Output voltage	500V DC
Nominal output current	500V, 1mA
Measurement range	0, 300k, 400k, 500k, 600k, 700k, 800k, 900k, 1000kΩ, ∞
Size	210 x 70 x 45mm
Total weight	316g

**Accessories:**

Test leads, 4 x "AA" batteries and clamshell.



Model 9050

DT-9051 Earth Tester



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Model 9051

**Specifications**

Max input AC Voltage	400V±10%
Operating AC Voltage	230V±10%
Operating Frequency	50Hz±10%
Measurement range	0Ω, 5Ω, 10Ω, 30Ω, 50Ω, 100Ω
Fuse size	5 x 20mm/160mA

Size(HxWxD): 210mm x 70mm x 45mm  
Weight: 311g

Accessories: TL-905, 9V battery and clamshell.



Model 9052

DT-9052 Earth and Continuity Tester



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Principle of measurement by "fault loop" for installations with neutral as per diagram indication  
Earth loop measurement current less than the drop-out threshold of the 30mA circuit breakers  
Measurement of the earth resistance by 3 1/2 digit display from 0 to 1999Ω (resolution 1Ω measurement updated every 1.5s)

- Two-colour back-lit LCD display
- IEC 61010-1 EN 61557-4
- Installation category III
- Class II IP40 ,IK06

**Specifications**

Accuracy	+/- (3%+1dgt) for pure resistance (range 0-2000Ω at 23°C+/-5°C)
Operating voltage	230V(Ph/N)-10/+6%
Operating frequency	50/60Hz
Weight	340g
Size	210 x 72 x 50mm

