



## DT-904

### DIGITAL RCCB TESTER

The DT-904 is the Basic test Equipment an Electrician cannot do without. DT-904 is a Dual Function Test Instrument utilized to Verify electrical Wiring Connections and the Functioning of Earth leakage / Residual current detectors by forcing the ELCB / RCD to trip.

This verifies that the protection device open the mains power supply circuit when a current higher than a certain amplitude circulate into the ground/earth wire. This ensures the Electrical installation meet safety regulation requirements.

#### FEATURES

- 2000mS readout for testing latest delay action breakers
- Fully programmed operation
- Accurate digital read out of tripping time
- Two LED's lamps give quick check for correct wiring
- Operates from mains supply. No need for batteries
- Compact, lightweight and simple to operate
- Zero cross circuitry permits testing at 0° and 180° portion of sine wave. At these two tests minimum (best) and maximum (worst) trip times will be displayed
- Data hold function to freeze the digital trip time display allows for easy readout and eliminates the possibility of reading error

### SPECIFICATIONS

#### Measuring Ranges

- Trip Current Settings : 5mA 10mA 30mA 100mA 300mA 500mA

#### Test current

- No Trip Test : 50% of circuit breaker trip current selected.
- Trip Test : 100% of circuit breaker trip current selected
- Fast Trip Test : 250mA regardless of circuit breaker trip current selected
- Fault Trip Time : 2000ms (40ms for Fast Trip)
- Operational Voltage : 220V, 230V, 240V AC $\pm$ 10% 50/60Hz

#### Accuracy

- Test Current :  $\pm$ 3% at 220V 230V 240V AC
- Test Current Duration (limiter incorporated) : 2000mS  $\pm$ 5% for Trip and NO Trip Tests  
40ms  $\pm$ 5% for Fast Trip Test
- Trip Time (Measurement Accuracy) :  $\pm$ 2% reading  $\pm$ 3 digit

### INCLUDED ACCESSORIES

Carrying Case, Test Report, Instruction Manual