



# Model 1612 EL

## Digital RCD Tester



### Specifications

|                                |                                                                                  |                                            |
|--------------------------------|----------------------------------------------------------------------------------|--------------------------------------------|
| Operating voltage (L-E)        | Version A : 240 Vac<br>(50Hz or 60 Hz)                                           | Version B : 230 Vac<br>Version C : 220 Vac |
| Current settings:              | 3mA, 5mA, 10mA, 15mA,<br>20mA, 30mA, 50mA, 100mA,<br>150mA, 250mA, 300mA, 500mA. |                                            |
| Current selection:             | Rotary switch selector                                                           |                                            |
| Phase angle setting:           | 0° and 180° selectable                                                           |                                            |
| Wiring correctness indication: | Yes (LEDs)                                                                       |                                            |
| Trip indicator:                | Yes (LCD)                                                                        |                                            |
| Over-temp. protection:         | Yes                                                                              |                                            |
| Voltmeter (L-E):               | 10Vac ~ 280Vac (50Hz or 60Hz)                                                    |                                            |
| Timer resolution:              | 1ms (Max. Time=2.999s)                                                           |                                            |
| Timer accuracy:                | ±2ms                                                                             |                                            |
| Current accuracy:              | ±5% ±1mA                                                                         |                                            |
| Voltmeter resolution:          | 1Vac                                                                             |                                            |
| Voltmeter accuracy:            | ±2%±1Vac                                                                         |                                            |
| Operating temp.:               | -0°C ~ 40°C                                                                      |                                            |
| Storage temp.:                 | -10°C ~ 50°C                                                                     |                                            |
| Dimensions:                    | 163(L) × 122(W) × 67(D)mm                                                        |                                            |
| Weight:                        | Approx. 612g (battery included)                                                  |                                            |
| Power source:                  | 1.5V (AA) × 6 (Alkaline battery)                                                 |                                            |
| Safety standard:               | EN 61010-1 CAT III 300V<br>EN 61326-1                                            |                                            |
| Accessories:                   | Instruction manual<br>Test leads<br>Carry case<br>Shoulder belt<br>Batteries     |                                            |

### Features

- Microprocessor-controlled.
- Extra large LCD(78 × 67mm).
- Very low consumption.
- 50Hz and 60Hz operation.
- Accurate digital readout of disconnection time.
- Over temperature protection.
- Over voltage protection.
- Fuse protection.
- Zero crossing circuitry permit testing at 0° or 180°.
- Auto power off.
- Backlight function.
- Wiring polarity indicator.
- Measure voltage between Line and Earth before testing.
- Frequency measurement indication.