DIGITAL ELCB / EARTH LEAKAGE TESTERS

DIGITAL ELCB TESTER
Model - KM 1812EL

1812EL-A 240 Vac; 1812EL-B 230 Vac;
1812EL-C 220 Vac; 1812EL-D 110 Vac



CE Approved

- ✶ **Display :** 2 Lines x 16 Characters L.C.D
- ✶ **Microprocessor Controlled.**

✶ **FUNCTIONS :**

- **Current Setting :** 3mA, 5mA, 7mA, 10mA, 15mA, 20mA, 30mA, 35mA, 50mA, 100mA,125mA,150mA,175mA, 250mA, 300mA, 375mA, 500mA.
- **Operating Voltage (L-E) :**
  1812EL- A 240 Vac; 1812EL- B 230 Vac;
  1812EL- C 220 Vac; 1812EL- D 110 Vac
- **Voltmeter (L-E) :** 20 Vac - 280 Vac
- **Timer Resolution :** 1 mS (Max time = 2.999 s)
- **Timer Accuracy :** ± 2% rdg ±2ms
- **Current Accuracy :** ± 5 % ± 1 mA
- **Voltmeter Resolution :** 1 Vac
- **Voltmeter Accuracy :** ± 2 % ± 1 Vac
- **Frequency :** 50 Hz / 60Hz
- **Phase start selection reference to Earth:** 0°-180°

✶ **SAFETY :**

- EN 61010 - 1 CAT III 240V; EN 61326-1

✶ **ADDITIONAL FUNCTIONS :**

- Accurate Digital Readout of Disconnection Time.
- Automatic Data Hold function.
- Zero Crossing Circuitry permit testing at 0° or 180°
- Disconnection Phase Polarity shown on LCD Display
- Polarity Trip Indicater & Wiring Polarity Indicator.
- Measures Voltage between Line & Earth before testing.
- Over Temperature Protection.
- Auto Power Off

✶ **Power supply :** 1.5V AA x 8 Batteries.
✶ **Dimension :** Approx. 170(L) x 165(W) x 92(D) mm.
✶ **Weight :** Approx. 1020 gm. (including battery)
✶ **Accessories :** Test leads, User Manual, Carrying case, Shoulder belt, Batteries.

3 PHASE INDUSTRIAL
EARTH LEAKAGE TESTER
Model - 6221EL

NEW







CE Approved

This Test Instrument is a combined 3 Phases Presence and Rotation Indicator combined with a 3 Phases Industrial Earth Leakage Tester.

When utilized as a 3Phase Presence and Rotation Indicator, the instrument does not use the batteries and can still be utilized if the batteries are not present or if the batteries are too low.

The 3 phase Presence & Rotation Indicator which is inside the 6221EL, takes its power from the circuit under test.

- ✶ **Microprocessor Controlled.**

✶ **FUNCTIONS :**

- **Determination of the Phase Presence**
  Nominal Voltage for Phase Presence Indication (the voltage required for the neon lamps L1, L2, L3 to lit up)..... From 100Vac to 450Vac.
  Frequency Range.....From 10Hz to 400Hz.
- **Determination of the Phases Rotary Field Direction:**
  Direction (the voltage required to have the direction LEDs L1-L2-L3 or L2-L1-L3 to indicates).
  From 100 to 450Vac.
  Frequency Range.....From 2Hz to 400Hz.
- **Protection**
  Over Load.....550V(between all terminals)
  Over Voltage.....Class III - 450V towards ground.
- **Earth Leakage**
- **Current Settings :** 999mAac / 50Hz-60Hz
- **Current Selection :** Knob
- **Phase Start Selection(*) :** 0° and 180°
- **Operating Voltage(L-E) :** 220Vac to 317Vac
  (*)Referenced to Earth
- **Timer Resolution :** 1ms(Max. Time = 99.99s)
- **Timer Accuracy :** 1ms ± 4ms
- **Current Accuracy :** ±3% ± 4mA
- **Current Resolution :** 1mA
- **Voltmeter Accuracy(50Hz) :** 50-350 Vac = ±3% ± 2V 350-550Vac = ±7% ± 3V
- **Voltmeter Resolution :** 1V
- **Maximum Current Specified at 317Vac / 50Hz**

✶ **SAFETY :**

- EN 61010-1 CAT III 550V EN 61326-1

✶ **ADDITIONAL FUNCTIONS :**

- Over-Temperature Protection
- Phase Polarity Trip Indicator
- Color coded test leads.
- Phase presence indication from as low as 100Vac.
- Led indication of Voltage on ELCB.

✶ **Power supply :** 1.5V "C" x 8 Alkaline Batteries.
✶ **Dimension :** Approx. 330(L) x 260(W) x 160(D) mm.
✶ **Weight :** Approx. 3850gm. (including battery)
✶ **Accessories :** Test leads, User Manual, Carrying case, Batteries.