DIGITAL ELCB / EARTH LEAKAGE TESTERS

DIGITAL ELCB TESTER / EARTH LEAKAGE TESTER
Model - KM 2820EL

CAT III 450V



CE Approved

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

✷ SPECIAL FEATURES :

- **Rated current :** 0~999mA, selectable; at 317V AC/50Hz.
- **Operating voltage :** 100-450V L-E.
- Checks ELCB trip time and trip point (sensitivity).
- Auto-Ranging.
- Phase angle selection (0 degree / 180 degree).
- Indicates tripping phase angle.
- Impact resistant enclosure.
- Over temperature shut-down.
- Transient protection.
- Fused.

✷ SAFETY :

- EN 61010-1, IEC 1010-1 CAT III 450V; EN 610326-1

✷ FUNCTIONS :

- **Trip Current Range :** 0-1 A at 317V (Auto-Range Programmable)
- **Trip Current-Resolution :** 1mA
- **Timer-Max :** 99.999s; Timer Resolution : 1mS
- **Typical Accuracy :**

  Trip-Current ± 1% rdg ± 1mA

  Trip-Time ± 1% rdg ± 1dgt

  Voltage ± 3% rdg ± 1dgt
- **Earth Leakage Tests :** The Tester may be used to check the trip point (Test 1) of the ECLB or the trip time (Test 2).

  Test 1 is normally used on instantaneous ELCBs while

  Test 2 is normally used to inverse & fixed time-delay ELCBs.
- Auto Power Off.

✷ **Power supply :** 1.5V (AA) x 8 batteries

✷ **Dimension :** Approx. 170(L) x 120(W) x 95(D) mm

✷ **Weight :** Approx. 800grm.(including battery)

✷ **Accessories :** Test leads, User Manual, Carrying case, Shoulder belt, Batteries.

DIGITAL RCD (ELCB) TESTER
Model - KM 582

CAT III 600V



CE Approved

It is mainly used to detect whether the RCD in the circuit can be triggered normally. It is only suitable for single-phase circuits with the supply voltage range of 195V~253V. Its voltage measurement range is 30V~600V, 45Hz ~65Hz.

✷ **Display :** 71 x 34 mm 1000 Counts Display

✷ FUNCTIONS :

Function	Voltage (AC)	Trip Current (IΔn)	Trip Time (MAX)	Accuracy	
×½	230V (Tolerance: -15%~+10%) Frequency: 50Hz	10/20/30/100/300/500mA	2000mS	Trip Current	Trip Time
×1		10/20/30/100/300 mA	1000mS	Tolerance: -10%~0%	±2%rdg ±2dgt
×5		500mA	300mS	Tolerance: 0%~+ 10%	
AUTO RAMP Test		10/20/30mA	40mS (RAMP increase step 10%) In from 20%~110% 300*10 mS	Tolerance: -10%~+10%	
		10/20/30/100/300/500mA			

- Trip Time Accuracy : ± (2% + 2)
- **Operating Voltage (Freq.) :** 195V ~ 253V
- **Voltage Measurement :**
  - **Voltage Range :** 30 ~ 600V
  - **Frequency :** 45Hz ~ 65Hz
  - **Resolution :** 1V
  - **Accuracy :** ± (3% + 3)
  - **Phase Angle Selection :** 0° & 180°

✷ SAFETY :

- IEC 61010-1, IEC 61010-2-030, IEC 61010-2-033, IEC 61557-1:2007; IEC 61557-6:2007, EN61326-1, EN61326-2-2

✷ ADDITIONAL FUNCTIONS :

- LCD Backlight
- Auto Ramp & Data Hold
- Buzzer indication to disconnect
- Over-range indication
- Low battery indication : <7.2V
- Mis-operation buzzer & power off buzzer
- Fuse protection
- Auto Power Off

✷ **Power supply :** 1.5V x 6 AA Batteries.(LR6)

✷ **Dimension :** Approx. 160(W) x 100(H) x 71(D) mm.

✷ **Weight :** Approx. 400 gm.

✷ **Accessories :** Test leads, User Manual, Elastic strap, & Batteries.