



SCR ELEKTRONIKS

Leading Manufacturer of Industrial Electronic Products since 1975

Dombivli: W-188(B), Phase II, M.I.D.C., Dombivli (E), Dist. Thane-421 204, Maharashtra, INDIA.

Tel. : 91-251-287 1778 / 287 1790, Fax : 91-251-287 1538

Mumbai: 113/3751, Nehru Nagar, Kurla(E), Mumbai-400 024, Maharashtra, INDIA.

Tel. : 91-22-2522 7356.

Email : scr@vsnl.com, **Website :** www.screlektroniks.com

EARTH PATIENT LEAKAGE CURRENT TESTER (ECG MONITOR)

DESCRIPTION



SCR ELEKTRONIKS have developed Patient / Earth Leakage Current Testers to measure the Leakage Current in medical appliances. The Patient / Earth Leakage Current Tester Model - PELCT-MS is designed to carry out Leakage Current measurement in 3 modes, namely :

1. Earth / Enclosure Leakage Current Test.
2. Patient Leakage Current.
3. Patient Input Current.

Earth / Enclosure Leakage Current Test is useful to measure Leakage Current through Earth terminal or through metal enclosure. This is applicable to equipment like X-Ray Machines and other Medical Equipments.

Patient Leakage Current and Patient Input Current Tests are useful for ECG Monitors. The Internal Circuits are so designed that, only with the help of different switch positions the tests can be carried out.

TECHNICAL FEATURES / SPECIFICATION

01. Digital Display for Leakage Current Range : 3 1/2 Digit.
02. Current measurement Ranges : 200 Micro Amps., 2000 Micro Amps. and 20 mili Amps.
03. Current Measuring Accuracy : +/- 2% + 5 micro Amps.
04. Current Trip : If the current is more than the full range the supply is disconnected.
05. Trip Indication on LED.
06. Polarity Switch is provided to change the polarity of the output supply.
07. Standard 3 pin socket for easy connection of Equipment Under Test.
08. **Selection of Tests :**
 - 1) Earth / Enclosure Leakage Current Test.
 - 2) Patient Leakage Current Test.
 - 3) Patient Input Current Test.
09. Optional Facility to Carry out test for equipment with 3 Phase Supply Input.

10. Facility to connect five probes at a time.

11. Facility to select individual probe one by one or all probes at a time.

12. Facility to test X Ray - 2 Modes as follows :

1) One model working on 3 phase power supply with open ended terminal with connections .

2) Second model working on 15 A power supply socket from mains.

13. Input Supply 230 V +/- 10% AC 50 HZ.
