



# SCR ELEKTRONIKS

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## Milivolt Drop Testers (With Dc Constant Current Source)

### MILLI VOLT DROP TESTER



Basically the tester is an adjustable constant D.C. current source with Digital Millivolt Meter provided to check drop across the test points at set current.

**a)** The D.C current can be set to any value between 0-20 Amp, and 10 - 100 Amp in two ranges selectable with Switch which can be read on Digital Ammeter.

**b)** The D.C Digital Millivolt Meter will be provided with three ranges as 19.99, 199.9 and 1999 mV ( 2 volts) D.C.

### TECHNICAL SPECIFICATIONS

**Input :** 3 phase, 400 volt, 50 Hz A.C.

**Output :** 0-100 Amp D.C settable by pot.meter/1 volt max.

**Regulation :** +/- 0.2% for 10% of input voltage variation and load variation from 10 to 100%.

**Controls :**

1. Mains ON/OFF switch 'sw1'
2. Current range selector switch.
3. Current setting pot-meters (fine & coarse) 'P'.
4. 'TEST OFF', 'TEST ON' and 'PUSH to READ' Push buttons PB-1, PB-2, PB-3 respectively.

**Metering :** 1. 3 & 1/2 digit D.C. Ammeter along with shunt of 20A/100 mV with accuracy.

- a) 0.5% of range or 1% of reading digit.
- b) 100 A/100 mV to read test current.

2. 3 & 1/2 digit D.C. Millivolt Meter having three ranges as 19.99 mV, 199.9 mV & 1999 mV(2 volt)(accuracy 1% of reading)

**Indication :** Lamp Indication is provided for(1) Mains ON and (2) Test ON. Current output, insulated terminals of 100A capacity will be brought out on front. Pressure Terminals, marked as P1 & P2 are also on front for measuring drop across test piece.

**Enclosure :** The unit is Floor mounted and air cooled type.

**Paint :** The enclosure is M.S. powder coated.

**Approx.Dim.** D = 600 mm, H = 750 mm, W = 650 mm.

