

This is a portable testing kit in one unit, suitable for testing protective relay, over current relay, earth fault relay, protective device, circuit breaker, tripping coils etc. The set is designed for both laboratory and field use.

TECHNICAL FEATURES

INPUT	230 Volts, single phase, 50Hz. AC.
OUTPUTS	<p>1) Current Output:</p> <p>a) 0- 1Amp. At 4/10Volts.</p> <p>b) 0- 2Amp. At 4/10 Volts.</p> <p>c) 0- 5 Amps. At 4/10 Volts.</p> <p>d) 0- 10 Amps. At 4/10 Volts.</p> <p>e) 0- 20 Amps.at 4/10 Volts.</p> <p>f) 0- 50 Amps. At 4Volts.</p> <p>g) 0-100 Amps. At 4 volts.</p> <p>h) 0-200 Amps At 4Volts.</p> <p>Current output is continuously variable and the output is taken out through a multi range C.T. The secondary is connected to an ammeter scaled in 0 to 100%</p>
OR	
2) AC Voltage Output	Continuously variable 0 -230V AC. Capacity- 460VA(Max).
3) Fixd AC voltage	50V & 110V
4) Time Measurement	0-9.999Secs. & 0-99.99Secs. in two ranges.
Accuracy	1%
CURRENT CIRCUIT:	
Loading transformer	Double winding loading transformer of suitable burden is provided corresponding to current output specified.
Measuring CT	Multi ratio wound primary current transformer
Ratio	1-2-5-10-20-50-100-200A/5A.
Variable auto transformer	For smooth variation of current output at various ranges selected.
Measuring	Digital meter. Basic Range - 0 to 5A AC. Scaled in 0 to 100% for all selected range. Accuracy - 1.5% of full range.
VOLTAGE CIRCUIT	One AC Voltmeter is provided for measuring the variable output AC voltage.
Timer circuit	Dual range digital time interval meter
Ranges	<p>i) 0-9.999 Sec.</p> <p>ii) 0-99.99Sec. in two switchable ranges.</p>



Selector for NO & NC contacts.

Reset push button.

"Start" timer signal is potential free closing or opening of auxiliary contacts of the set contactors.

GENERAL ARRANGEMENT

The test kit will be in one unit. Meters, terminals, indicators, regulator knobs, timer display etc. will be filled on the horizontal panel of the set which can be approached by opening the top lid. An input chord of 2 meters length with 3pin plug will be provided. Loading transformer, measuring CT & protection circuit will be housed within the same unit.

Operation manual, schematic circuit diagram, work test report, warranty certificate will be supplied along with the set.

*Technical Specifications & Appearance are subject to change without prior notice