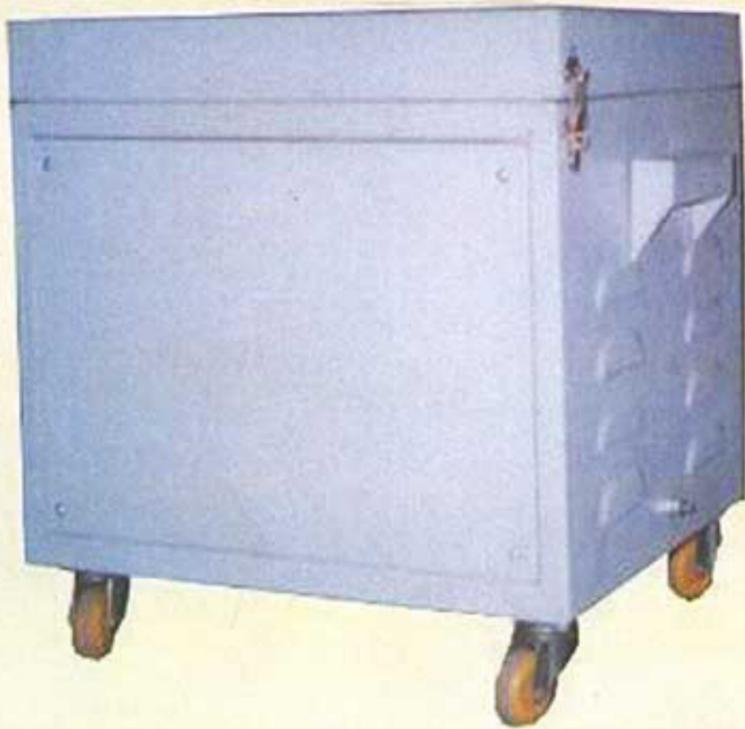
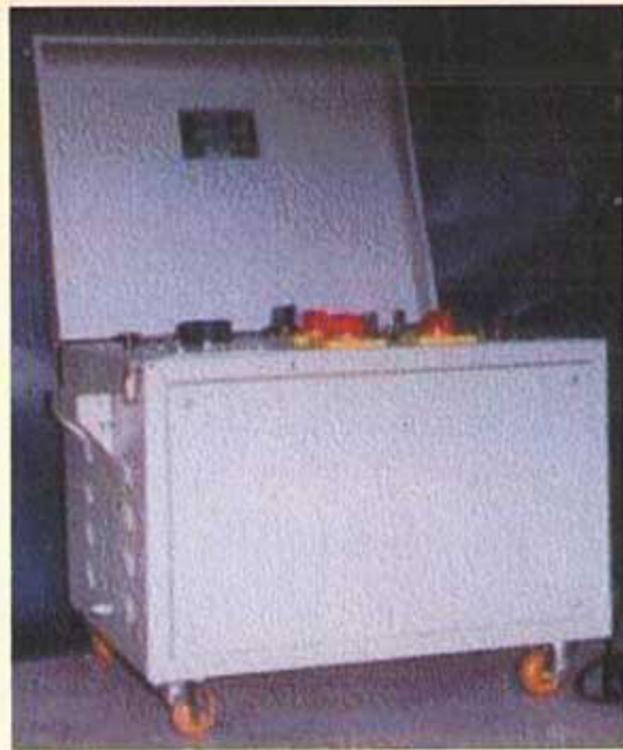


# AS ELECTROTECH

**Secondary Current Injection Test Set *Model : 2000S***



**CLOSED VIEW**



**OPEN VIEW**

## **Special Features**

- Mains ON / OFF Switch
- Start / Stop Push Buttons
- Indicating Lamps to indicate Mains 'ON' & 'START'.

**AS Electrotech Test Equipments for Quality, Accuracy & Reliability**

# AS ELECTROTECH

## SECONDARY CURRENT INJECTION TEST SET Model : 2000 S

"ELECTRO-TECH" make popular Secondary Current Injection Test Set is suitable to test different Protective Relay, Over Current Relay, Over Voltage Relay and Circuit Breakers etc. at rated current & Voltage.

### TECHNICAL FEATURES :

Input : 230V  $\pm$  10%, 1 Ph., 50 HZ, AC

Output : (A) Current output (s) available one at a time

	Current Range	Open Circuit Voltage
i)	0 - 1A	10V.
ii)	0 - 5A	50V.
iii)	0 - 10A	25V.
iv)	0 - 20A	25V.
v)	0 - 50A	10V.

OR

### B) VOLTAGE OUTPUT :

# Continuously variable 0-250 volts Ac Capacity 2

### VARIABLE VOLTAGE CIRCUIT :

- Single Phase 2A. V variable Auto Transformer to Smooth Variation of Voltage.
- Metering : Range 0-300V. AC. Analog Voltmeter to indicate Variable Voltage.
- 2 Nos. Insulated output Terminals.

### Duty : Intermittent

	Current Range	Time
i)	1 - 10A	One Hour
ii)	20A	5 Min.
iii)	50A	5 Min.

### C) TIME MEASURING SCOPE

# 4 Digit Digital time Internal meter :

Range : 1) 9.999 sec Resolution : 1 mS

2) 99.99 sec Resolution 10 mS

# Accuracy :  $\pm$  1%

# Terminals to Relay Contacts

# Reset push button

# Selector for NO & NC CONTACT

### CURRENT CIRCUIT :

# Double Wound Loading Transformer

# Current Measuring CT. 1 Amp to 200 Amps / 1Amp.

# Metering : CT. Operated AC. Analog Ammeter Range 0-1 Amp AC  
Scaled - 0 - 100% for all Current Ranges

# Single Phase 2 Amps Variable Auto Transformer

# Current Range Selector for 1 Amp to 20 Amps

# 5 Nos Current Output Stud i.e. Com., 1A, to 20A, 50A

Mode of Operation : the sets are available in MANUAL OPERATED.

### PROTECTION :

- Fuse in Incoming Side
- Automatic Tripping Mechanism for protecting the H.V. Transformer against overload as well as Short Circuit

### GENERAL ARRANGEMENT :

The Test Set will be in one unit. The cabinet of the set is made by nicely painted sturdy m.s. sheet. Meter, Switch, Indicating Lamps, Fuses, Regulator Knob, Timer Display etc. are fitted on the top of the cabinet, which can be approached by opening the top hinged lid. All wirings are housed inside the control cabinet. Supply Input cable, Earthing Terminal, Instruction Manual with Circuit Diagram, works test report will be supplied along with the set. Electro-tech in a continuing effort to offer excellent products at a fair value & reserves the right to change models, specifications and designs to upgraded the own products.

Manufactured & Designed by

# AS ELECTROTECH