

AS ELECTROTECH

Kolkata

METER TEST BENCH FOR MULTIFUNCTION ENERGY METERT



Special Features

- Mains ON/OFF Switch. ● Indicating Lamps to indicate mains ON.
- Voltage 'ON' and Current 'ON'. ● Rotary Switch. Battery Terminals.
- Variable Auto Transformers for Smooth and Continuous variation of output voltage and current. ● Rotary switch for Power factor control coarse. ● Knob to power factor control Fine.

AS ELECTROTECH Test Equipments for Quality, Accuracy & Reliability.

METER TEST BENCH FOR MULTIFUNCTION ENERGY METER

A.S. ELECTROTECH make Meter Test Bench for Multifunction Energy Meter is perfectly suitable for testing of Single phase KWH meters. With selectable and adjustable test voltage and test current and fully controllable power factor enable the set to conduct testing on electricity meters or Instruments where specific selection and precise control of outputs are absolutely essential.

BRIEF SPECIFICATION:

Mains Voltage: 440+ 10% V.3 PH, 4 Wire 50 HZ. AC.
Rated Test Voltage: 0-240 Volts. 1PH. 50 HZ. AC.
Creep Test Voltage: 264 Volts 1 PH 50 HZ.AC.
Current Output: 0-1A/2.5A/5A/10A/25A/50A.
Starting Current: 0-0.5% of rated current power factor.
Adjustment: 'O' Lag-1 (Unity)- '0.75' Lead

Unit: 1 (one) Unit.

MODE OF OPERATION : The sets are generally MANUAL OPERATED.

DESCRIPTION : The cabinet of the Test Bench is made in nicely Painted m.s.sheet. Wheels are provided at the bottom of the cabinet for its easy movability.

The complete circuitry is enclosed inside the cabinet.

- Mains 'ON' Voltage 'ON' and current 'ON' indication.
 - Mains supply is fed through a 'ON'-'OFF' switch.
 - Six different current ranges will be available through the corresponding output terminals from
 - tapped secondary winding of the current loading Transformers which can be selected by a Rotary Switch.
- Independent Current Control in three Phases.
- Suitable terminals for main input voltage output reference meter and watt meters etc.
 - 'ON'-'OFF' switch with suitable fuses, MCB and indication Lamps.
 - A switch is provided to select starting current 0.5% of the rated current.
 - Static Transformer type Three Phase Phase Shifter is provided to vary power factor.
 - Independent current control will be provided in three phases.
 - Control circuit, Supply Input cable, Earthing Terminal, Instruction Manual with Circuit diagram
 - will be supplied along with the set.

METER SUSPENSION RACK: AM.S. pipe made Rack will be provided to test 20nos of Single phase meter with suitable insulated Terminals.

LOADING TRANSFORMER: a current Loading Transformer of suitable capacity with Different current ranges will be provided.

PROTECTION: Over Load and short circuit protection is provided.

METERING: One analog voltmeters knife edge pointer is provided.
One Ammeter knife edge pointer is provided.
One Analogue Flush mounted type power factor meter is provided.
One Digital Frequency meter is provided.

OPTIONAL AT EXTRA COST: Digital Meter

A. S. Electrotech in a continuing effort to offer excellent products at a fair value and reserves the right to change models, specifications and designs to upgraded the own Products