



Electrical Test Bench

ETB - Elevated Series

Test Bench - Elevated Design

- Size: 2300 x 1000 x 1485 mm (LBH)

Work Table

- Work table frame structure is made up of 50 x 25 mm powder coated rectangular mild steel tube
- Work table top is made up of 25 mm thick chip board suitably laminated and post formed
- Size: 2300 x 1000 x 780 mm (LBH)

Bench-Top Panel

- The bench top panel is constructed with 19 mm thick chip board suitably laminated
- The front plates are fixed with top and bottom profile run throughout the panel length
- The Front plates are made up of 3 mm high quality aluminium cut sheets pasted with 0.3 mm aluminium printed sticker with names, indication, cutouts, etc
- All the instruments of different sizes and weights are duly mounted in the panel with good mounting base plates, fixtures as required with suitable cut outs for easy frontal operations
- For others like switch, socket, MCB, etc. are mounted or fixed by fixtures as required with making suitable cut outs for easy frontal operations.
- The electrical wiring is done as per the standard practice by using quality wires, crimping lugs and proper ferruling for easy identifications and troubleshooting in the future
- The pneumatic tubing is made by using PVC or Nylon hose or Copper or SS material depending upon the pressure rating. Normally, PVC or Nylon hoses are used according to the withstanding rated pressure.

- Back of the panel are made up of 19 mm chip board with inserted perforated mild steel ventilator arrangement with hinge, lock and key
- The back doors can be opened easily for cleaning or for fault finding and for any other services
- Size: 2250 x 450 x 340 mm (LBH)

Elevation

- 340 mm elevated perforated powder coated MS sheet

Under Bench Cabinet

- Trolley Type
- Under bench cabinet is made up of chip board suitably laminated and fascia
- Storage space with lockable drawers - 2 nos., cupboard - 1 no. for keeping necessary stationary items / tools and tackle, etc
- Size: 420 x 460 x 685 mm (LBH)

Three Phase Mains Power Supply

- 415 VAC, 50 Hz three phase mains power supply
- Residual current circuit breaker (*for operators safety*)
 - Rated fault current: 30 mA
 - Rated Current: 40 A
 - No. of poles: 4
- 415 VAC / 15A Unregulated power supply with plug and sockets
- Miniature Circuit Breaker (*for operators safety*)
- R, Y, B Power On Lamp
- With 5 meters power cable to connect the input supply of the test bench

Three Phase Variable AC Power Supply

- Miniature Circuit Breaker (*for operators safety*)
- Voltmeter*
- Ammeter*
- R Y B N E
- Industrial Plug and Sockets
- Switch to increase and decrease the variable auto-transformers
- Three Phase motorized variable auto-transformer (fully enclosed and kept beneath the test bench)
- Input 415 VAC, 50 Hz
- Output: 0 to 470 VAC / 8 A

230V AC Socket Panel

- Miniature Circuit Breaker
- Universal AC Socket
- 230 VAC / 15 A
- On-off switch with illumination



110V AC Socket Panel

- Miniature Circuit Breaker
- Universal AC Socket
- 110 VAC/2A
- On-off switch with illumination
- Step down Transformer (PRI) 230 VAC / 50 Hz (SEC) 110VAC / 2A placed inside the bench top panel

Single Phase Variable AC Power Supply

- Miniature Circuit Breaker (*for operators safety*)
- Voltmeter*
- Ammeter*
- Socket
- Variable autotransformer (fully enclosed and kept inside the benchtop panel)
- Input: 230VAC, 50HZ
- Output: 0 to 270VAC/ 8A

Variable DC Power Supply

- Variable Output Range: 0 to 30 VDC
- Variable Current Range: 0 to 5A
- Power Supply: 230 VAC, 50 Hz

Digital Multi-meter*

- 4.5 digit multi-meter
- Measurements of AC/DC voltage and Current, Resistance, Capacitance, Frequency with audible continuity test facility
- Power Supply: 230 VAC, 50 Hz

- On-off switch with illumination
- Power Supply prewired 5VDC /1A Adaptor (kept inside the bench top unit)

Fixed DC Power Supply

- 230VAC,50Hz prewired with
- On Off switch with illumination
- 24V DC/2A Output port thro banana socket

Continuity Tester

- Power Supply: 230VAC,50Hz
- On-off switch with illumination
- Power Supply prewired 24V DC / 1A Adaptor
- Audio as well as visual alarm through output banana socket

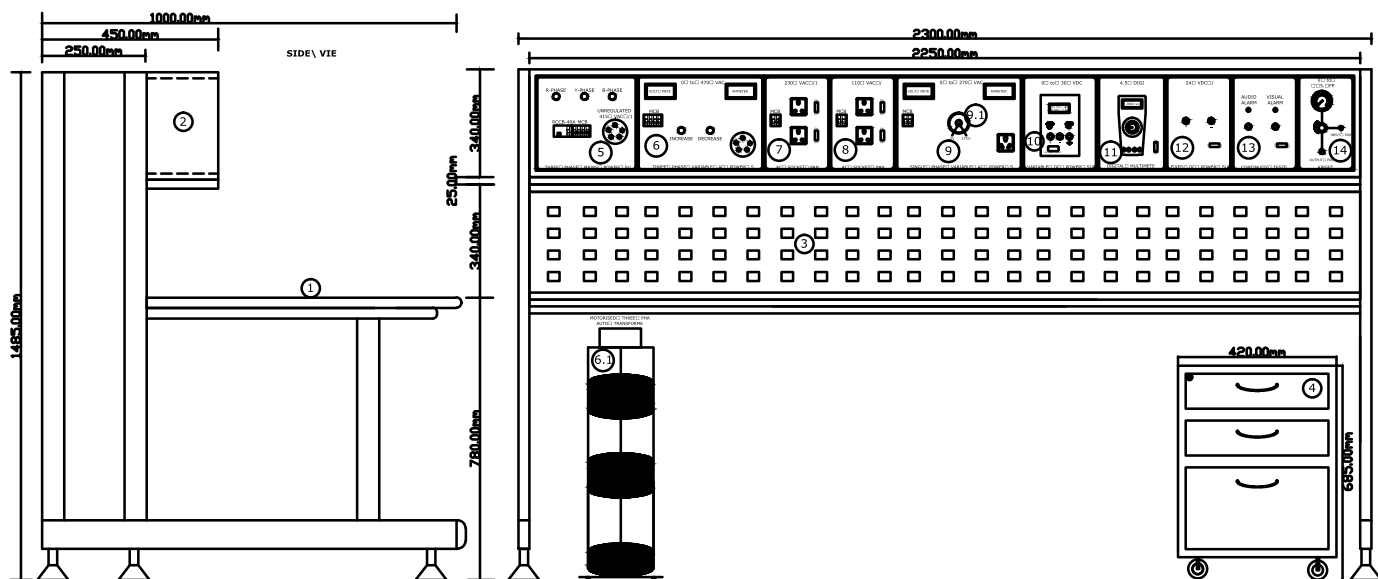
Air Set

- Pressure gauge: 0 to 10 Bar or kg/cm²*
- Pressure Regulator
- Output port through quick connectors
- Input connected from the front side of the panel

Accessories

- Necessary test leads to connect the input and output of the power supplies, multi meter and continuity tester
- Hose and connectors for air set

* Accredited (NABL) Calibration Certificate as per ISO/IEC 17025:2005 Standard

**OPTIONAL**

- Rubber Mat / SS Sheet
- Star-Delta Starter
- DOL Starter
- Function Generator
- IC Tester
- LCR Meter
- Oscilloscope
- Decade Resistance Box
- Soldering / De-Soldering Stations
- Anti-Static / ESD Facility
- Calibration Management Software
- Space for Computer Systems (CPU, Monitor, Keyboard, Mouse & Printer)
- Mobile / Stationery Under bench Cabinets

Manufacturer of
TEST BENCHES
CALIBRATION INSTRUMENTS

ISO 9001:2008
Certified Company

www.rndinstruments.com

Contact

5, Natesan Nagar, Alapakkam,
Chennai 600116. Tamilnadu, INDIA.
Tel.: +91-44-4283 9039 / 4284 1119

Mobile Nos.: +91-87544 78464 / 87544 68463

email: sales@rndinstruments.com

service@rndinstruments.com

ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

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