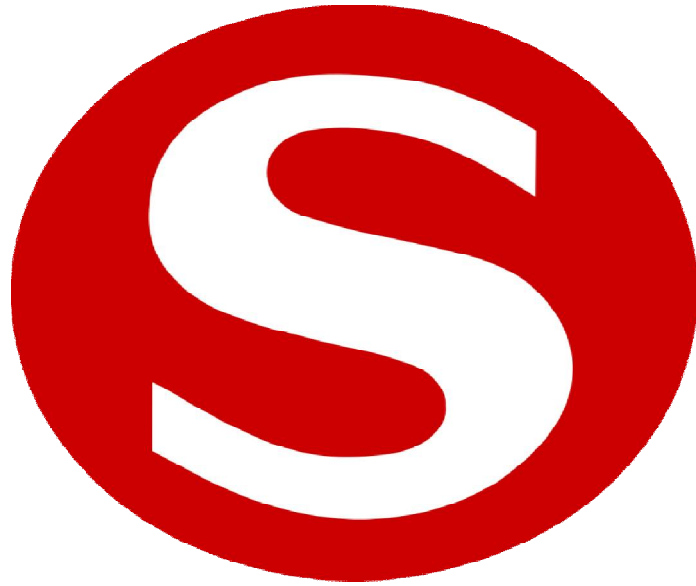


ELECTRICAL



WORLD.in



**Education
Training
Instrument**

INSTRUMENTS

ALL MOTOR CUTWAY MODEL

MOTOR CONNECTION BOARD

MOTOR DRIVE BOARD

ELECTRICAL WORK BENCH

www.sworld.in
966 2222 167

ALL MOTOR CUTWAY MODEL



- Sworld has a wide range of cut away electric motors, trying to give an alternative to every educational need.
- Single-phase ac motor
- Three phase ac motor
- Single-phase dc motor
- Three phase dc motor
- DC permanent magnet motor
- DC brushless motor
- Universal motor
- DC gear motor
- Stepper motor
- Servo motor
- All Small motor.etc

**E-mail : info@sworld.in & zala@sworld.in
Customer Care No : 076 0000 3447**

MOTOR CONNECTION BOARD

• **AC MOTOR BOARD**



• **DC MOTOR BOARD**



- **FEATURES**
- Facilitates easy and safe wiring by students due to use of 4mm sturdy shrouded banana patch cords and shrouded socket arrangements.
- All machines are mounted on finely painted sturdy base frame.
- With due emphasis on student safety machines operate upto 300W power levels and upto 1500 RPM, without compromising didactic use Able to draw all graphs.

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- **UNIVERSAL MOTOR BOARD**



- **FEATURES**
- Facilitates easy and safe wiring by students due to use of 4mm sturdy shrouded banana patch cords and shrouded socket arrangements.
- All machines are mounted on finely painted sturdy base frame.
- With due emphasis on student safety machines operate upto 300W power levels and upto 1500 RPM, without compromising didactic use Able to draw all graphs.
- **MOTOR SPECIFICATIONS**
- Universal motor with voltage : 230VAC, 50Hz/150VDC
- Capacity: 300W/4 pole/ 1600 /1500 RPM/4 terminals
- Rotor construction: Standard commutator brush arrangement brought out on 2 terminals.
- Stator construction: Stator brought out on 2 terminals to facilitate Six terminal are brought out to start the machine using star-delta starter

ELECTRICAL DRIVE BOARD

- **AC DRIVE BOARD**



- **DC DRIVE BOARD**



- **FEATURES**
- Facilitates easy and safe wiring by students due to use of 4mm sturdy shrouded banana patch cords and shrouded socket arrangements.
- All machines are mounted on finely painted sturdy base frame.
- With due emphasis on student safety machines operate upto 300W power levels and upto 1500 RPM, without compromising didactic use Able to draw all graphs.
- AC drive or DC drive 1 Nos.

ELECTRICAL WORK BENCH



Electrical Work Bench

- **Specification of Work Bench**
- **Assembly**

Table is made from 3 sub assemblies a) Bottom stand Pi type structure with table top, drawers etc. b) Hind rectangular box, also called as switch box, to hold 1ph. & 3ph. sources etc.c) Optional top side rectangular box mounted on top of Hind or switch box to house various instruments like CRO, FG,& power supplies etc
- **Frame**

16 gage MS square tube (Heavy duty) Colour : Brown / Off white powder coating, optionally with sturdy aluminum profile frame
- **Bottom leg**

Four rubber bottom legs are provided support the table optionally Castor Wheel with locking mechanism is provided so that table can be easily moved
- **Electrical fitting**

Hind (Switch) box with screwable hind side panel to facilitate wiring & controlling 6 separate sets of 5 Amp switch & 5 pin 3 phase proof protective Socket with 4 Pole MCB Neon indicator provided on the facing panel of switch box