

FOR PLOT OCC OF A DC SHUNT GENERATOR AT CONSTANT SPEED AND DETERMINER CRITICAL RESISTANCE FROM THE GRAPH. FOR PLOT EXTERNAL CHARACTERISTICS OF A DC SHUNT GENERATOR AT CONSTANT SPEED

Model : VTPL-1101



DC Shunt Motor 3HP, 220V, 1500RPM directly coupled on channel frame with flexible tyre coupling to DC shunt Generator 220V, 2kw with CONTROL PANEL CONTROL PANEL

Control panel for MG set: DC shunt motor & DC shunt Generator.

The components fitted on the Panel labeled with the name of the component.

All accessories connected with internal wiring. Anti vibration mounts will be provided.

The Control panel shall consist of an Instrument panel with all digital meters shall highly accurate Micro - controller based with Diagrammatic representation for the ease of connections and student can easily understand the concept of machine and the control panel box should be only made of FRP (FIRE RESISTANCE PROOF) of size Length = 900 mm; Depth = 250 mm; Height = 750 mm. with all the accessories mounted on the bakelite sheet / M.S. Sheet with Vinyl Sticker as per the circuit diagram of the experiment with laminated wooden top on the working area. The basic frame work shall be made of 32 x 32 x 2 mm tubular mild steel. The MS sheet used should be min. 2 mm in thickness for sturdiness. The overall dimensions should be not less than W = 1200 mm ; D = 900 mm ; H = 1500 mm . A 25mm thick work top made from 25mm wood based plain particle board with one side post forming (full round profile) 0.8mm marino laminate and another side 0.6mm white balancing laminate. Remaining three sides of the work top should be lipped with 2mm PVC edge band. Leveling screws with base should be provided on the legs of the Work Bench.

VJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

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E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com

1. D.P.S.T. Switches.
2. 3 pt DC Starters.
3. Regulators for motor and generator.
4. Digital Ammeter (0-1A) DC type (1 Pcs).
5. Digital meters Ammeter (0-20A) DC type (2 Pcs.)
6. Digital meters Voltmeter (0-300V) DC type (2 Pcs.)
7. Indicating Lamps LED HRC Fuses Bakelite type base : 16 Amps RPM Indicator with Sensor.

Note: There may be any change in specification due to continuous R & D without notice.

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