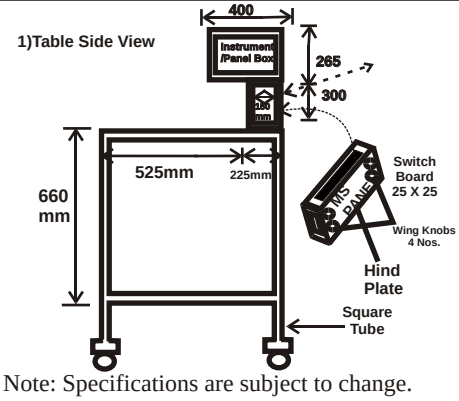
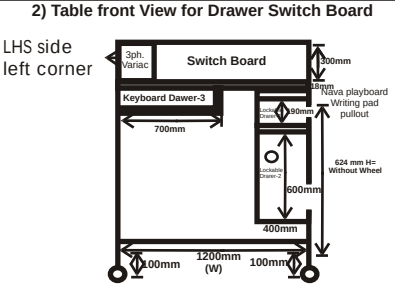
Specification

Assembly	Table 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.power 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) Color: Brown/off white powder coating, optionally with sturdy aluminum profile frame.
Table top Material/Colour	The nova pan or Rubber wood with white / silver gray colour & smooth finish, Veneer finish table top (18 mm thickness)
Drawer	Drawers to have position options: Horizontal (optional) or vertical (Default). Horizontal drawers have restriction of height else they will obstruct knees of tall person while sitting in front of tab ·Vertical drawer has limitation of no. Of students which can be accommodated in front of table i.e. only one but advantage here is bottom drawer can be heighted · Out of 3 drawers, one is open type & would double up as PC keyboard drawer with mouse pad on its side. Other two
	drawers are closed type, lockable. Of these two. bottom drawer has double height to accommodate tall (pneumatic / hydraulic) components. · Pull out writing pad provided above upper drawer on right hand side of table. · Dimensions - Upper Drawer : 600mm (L) X 400 (W) X 200mm (H), Tall Drawer : 600mm (L) X 400(W) X 20mm (H), Open Drawer : 700mm (L) X400mm (W) X045mm (H), Writing pad : 335mm (L) X 300mm (W) X010 0mm (H)
Bottom Legs	Four rubber bottom legs are provided support the table optionally Castor wheel with locking mechanism is provided so . that table can be easily moved.
Dimensions Electrical	Overall: 1200mm (L) X 750mm (W) X 1325mm (H), Nt. Wt. 190kg, Gr. Wt.230kg Hind (Switch) box with screwable hind side panel to faclitate wiring & controlling 6 separate sets of 5 Amp switch & 5 pin 3 phase proof protective Socket with 4pole MCB Neon indicator provided on the facing panel of switch box.

1)Table Side View



2) Table front View for Drawer Switch Board



Note: Specifications are subject to change.

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Name of Specs	Model 78004 Electronics Bench	Model - 78005 Electrical Bench
DC Power supplies	Regulated DC Power supply : XPO RPS consisting of 2 Meters select to read voltage/current of each output for dual Power supply (0 30V). Ripple & Noice : <2mVrms Output current: max rated Current with over load RED LED indication. Regulation : Line :<0.01% 2mV for load change from zero to full load Ripple & Noice : <1mV rms max Indication, Constant Current Mode output Range :0 to RATED CURRENT continuously adjustable Regulation. Line <0.1%+250uA for +10% change in line. Load : <0.1%+250uA for change in output voltage from 0 to max.	1) Regulated DC Power Supply: XPO RPS Cosisting of 2 meters select to read voltage/current of each output for dual power supply (0-30V). Ripple & Noise: <2mVrms output current : Max rated current with over load RED LED indication. Regulation: Line <0.01% ± 2mV for 10& change in line, load: <0.01% ± 2mV for load change from zero to full load Ripple & Noise: <1mV rms max Indication. 2) **3 phase Auto Transformer**: 0 440B / 5A Voltage : 0 - 440V., Current: 5A 3) **Unregulated variable DC supply** 0 300 VD/5A, Voltage : 0 - 300VDC variable current 5A
Multifunction Meters	**3 3/4 Digital multimeter (DMM) Model Name : DM97** TECHNICAL SPECIFICATION: 3/4 Digital multimeter, 4000 Counts, Large LED Display with Auto/Manual Range, power off under natural operation. Data Hold, Max,.<in. Value Hold, Capacitance, Frequency / Duty Cycle, Temperature and Transistor Test Transistor Test TECHNICALDATA Basics Functions Range Basics Accuracy DC Voltage 0.1mV~1000V ±(0.5%+4digit) AC Voltage 0.8%mV~750V ±(0.5%+6digit) DC Current 0.1uA~20A ±(1.0%+5digit) AC Current 0.1uA~20A ±(1.5%+5digit) Resistance 0.1 ohm~40Mohm ±(0.8%+2digit) Capacitance 10pF~200pF ±(3.5%+8digit) Frequency 0.1Hz~30MHz ±(0.5%+4digit) Celcus -40°C~1000°C ±(0.8%+4digit) hhFE(NPIN ro PNP) 0~1000 ----	A] Multifunction 1 phase Meter Aux Supply : 230VAV50MHz, Voltage : 0 to 300V Current : 1A/5A range, Display : LCD Display CTR : 10/1A Measurement : V,A,Hz,PF,KVA, KVar, Energy Termination : SBSS Terminals B] Multifunction 3 Phase Meter Connection : 3phase 3/4wire, Volts Input : 400V/230VCA Aux Supply : 230VCA, 45,65Hz,5W , Display : LCD Display CT Input : 5A,0.1VA/Ph, Measurement : V,l,Hz,Pf,KVA,K Var,KWh, Computer Input : Modbus RTU RS 485, Termination : SBSS Terrminal
Measuring Instruments	**A] 25 MHz Colour LCD Digital Storage oscilloscope** **Sampling: ACQU Mode**: Sample, Average Sampling Rate100MS/s. **Input Coupling:** DC, AC, Input , Impedance :1M_±2%, connect-ed with 20pF ± pF in parallel., Max Input voltage Level :300V, Peak value. Sampling Rate Range :10S/s~100MS/S **Record Length:** 6000 sampling points per channel Scanning Speed Range (s/div) : 5ns/div~5ns/div, according to the stepping mode of 1-2.5. Measuring accuracy of time. **Display Type:** 7.8" Colored LCD (Liquid Crystal Display) Display Colors 56 Colours. Power Mains voltage : 100~240 VAC RMS, 50Hz. Accessories: 1) Mains cord: 01 Nos 2) X1, X10CRO Probe:02Nos 3) Aligner: 01 Nos 4) USB Cable: 01 Nos 5) Manual: 01Nos **B] 3 MHz Function Generator with 50MHz Frequency counter** Sine, Triangle, Square, duty cycle. Pulse and Ramp. Wide frequency ranges. Frequency/Universal counter & voltmeter. With internal & external frequency counter upto 50MHz, AM/FM Frequency Range : 0.03 MHz to 3 MHz. aveform: Sine square, Triangle, Accuravy+1% plus 1digit, Maximum Output level : 20Vpp & 10Vpp into 50W, Sine wave Disttion : <1% typical <100KHz; 3%>100KHz	C] Input 3 Phase DOL Starter panel (EMT1) (10 Shrouded Banana) 4 Pole MCB of 415 V/4A. 4 DOL 9A Contactor with 230V / 50Hz / 11VA COIL. Bimetallic thermal O/L relay with range 1.4A - 2.3A

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