

Specification

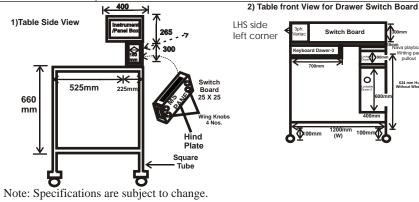
Assembly	Table made from 3 sub assemblies a) Bottom stand Pi type structure with table top, drawers etc. b) Hind rectangular box,	
	also called as switch box, to hold 1ph. & 3ph.power sources etc. C) Optional top side rectangular box mounted on top of	
	hind or switch box to house various instruments 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	The nova pan or Rubber wood with white / silver gray colour & smooth finish, Veneer finish table top (18 mm thickness)	
Material/Colour		
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	Overall: 1200mm (L) X 750mm (W) X 1325mm (H), Nt. Wt. 190kg, Gr. Wt.230kg	
Electrical	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.	
	. 400	

Switch Board

1200mm (W)

ng pa

624 mm H=



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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	1) Regulated DC Power Supply: XPO RPS Cosisting of 2
	Meters select to read voltage/current of each output for	meters select to read voltage/current of each output for
	dual Power supply (0 30V). Ripple & Noice : <2mVrms	dual power supply (0-30V). Ripple & Noise: <2mVrms
	Output current: max rated Current with over load RED	output current : Max rated current with over load RED
	LED indication. Regulation : Line :<0.01% 2mV for load	LED indication. Regulation: Line $<0.01\% \pm 2mV$ for
	change from zero to full load Ripple & Noice : <1mV	10& change in line, load: $<0.01\% \pm 2mV$ for load change
	rms max Indication, Constant Current Mode output Range	from zero to full load Ripple & Noise: <1mV rms max Indication.
	:0 to RATED CURRENT continuously adjustable Regulation. Line <0.1%+250uA for +10% change in line.	2) 3 phase Auto Transformer : 0 440B / 5A Voltage : 0 -
	Load : <0.1%+250uA for change in output voltage from 0	440V., Current: 5A
	to max.	3) Unregulated variable DC supply 0 300 VD/5A,
		Voltage : 0 - 300VDC variable current 5A
Multifunction	3 3/4 Digital multimeter (DMM) Model Name :	A] Multifunction 1 phase Meter
Meters	DM97	Aux Supply : 230VAV50MHz, Voltage : 0 to 300V
	TECHNICAL SPECIFICATION: 3/4 Digital multimeter,	Current : 1A/5A range, Display : LCD Display
	4000 Counts, Large LED Display with Auto/Manual	CTR : 10/1A
	Range, power off under natural operation. Data Hold,	Measurement : V,A,Hz,PF,KVA, KVar, Energy
	Max,. <in. capacitance,="" duty<="" frequency="" hold,="" td="" value=""><td>Termination : SBSS Terminals</td></in.>	Termination : SBSS Terminals
	Cycle, Temperature and Transistor Test Transistor Test	B] Multifunction 3 Phase Meter
	TECHNICALDATA	Connection : 3phase 3/4wire, Volts Input : 400V/230VCA
	Basics Functions Range Basics Accuracy	Aux Supply : 230VCA, 45,65Hz,5W, Display : LCD
	DC Voltage $0.1 \text{mV} \sim 1000 \text{V} \pm (0.5\% + 4 \text{digit})$	Display
	AC Voltage $0.8\% \text{ mV} \sim 750 \pm (0.5\% + 6 \text{ digit})$	CT Input : 5A,0.1VA/Ph, Measurement :
	DC Current $0.1uA \sim 20A \pm (1.0\% + 5 digit)$	V,I,Hz,Pf,KVA,K Var,KWh, Computer Input : Modbus
	AC Current $0.1uA \sim 20A \pm (1.5\% + 5 digit)$	RTU RS 485, Termination : SBSS Terrminal
	Resistance $0.1 \text{ ohm} \sim 40 \text{Mohm} \pm (0.8\% + 2 \text{digit})$	
	Capacitance $10pF \sim 200pF \pm (3.5\% + 8digit)$	
	Frequency 0.1 Hz ~ 30 MHz $\pm (0.5\% + 4$ digit)	
	Celcus -40°C~1000°C ±(0.8%+4digit) hhFE(NPIN ro PNP) 0~1000	
Measuring	A] 25 MHz Colour LCD Digital Storage oscilloscope	C] Input 3 Phase DOL Starter panel (EMT1) (10
Instruments	Sampling: ACQU Mode: Sample, Average Sampling	Shrouded Banana) 4 Pole MCB of 415 V/4A.
	Rate100MS/s.	4 DOL 9A Contactor with 230V / 50Hz / 11VA COIL.
	Input Coupling:	Bimetallic thermal O/L relay with range 1.4A - 2.3A
	DC, AC, Input, Impedance :1M_±2%, connect-ed with	
	$20pF \pm pF$ 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 Distion : <1%	
	typical <100KHz; 3%>100KHz	
	VF ((((((((((

Note: Specifications are subject to change.

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