



SALIENT FEATURES

Choice of 2 table top models pneumatic / Electro Pneumatic trainer (optionally) PLC may be supplied. The complete trainer mounted on table top Anodised sturdy light weight with Aluminum profile grooved plate experiment board (1070 X 700 mm) mounted slant on table option ally table with drawers arrangement to place desktop PC, oard & video monitor and caster wheel.

Technical Specification

Items	52069 - pneumatic Trainer	Qty.	52070 - Electro pneumatic Trainer	Qty.
Air distribution & Manual control	Flow & pressure Regulator (FRL) unit with Pressure gauge *(10bar) 1/4" BSP (F)	1	Flow & pressure Regulator (FRL) unit with perssure gauge (10bar), 1/4" BSP (F)	1
	Manifold 4 way, 1/4"BSP (F) with ON/OFF 4 nos, ball valve.	1	Manifold 4 way 1/4" BSP (F) with 4 BALL on / off valve	1
	One way flow control adjustable valve 1/4"BSP (F)	1	One way flow control adjustable valve 1/4"BSP (F)	1
	Bal Valve 1/4" BSP for ON-OFF (M-F)	4	Silencer	1
	Silencer	1		
Control Element	3/2 way directly actuated valve [with push button 1/4" BSP (F)]	1	5/2 way DC valve spring return 1/4" BSP (F) 24VDC single Solenoid	1
	3/2 way mushroom button operated spring return valve 1/4" BSP (F)			
	3/2 way roller lever actuated valve 1/4" BSP(F)	1	5/2 way DC valve BSP (F) 24Vdc double Solenoid	1
	5/2 way valve with selector switch 1/4"BSP (F) with 230C AC Operated	1	3/2 way Single Solenoid valve 24V DC	1
	5/2 way pilot operated spring return valve 1/4"BSP (F)	1		
	5/2 way double pilot valve (with manual override) 1/4" BSP (F)	1		
	3/2 way hand lever valve 1/4" BSP (F)	1		
	2/2 way directional control valve with 230V AC operated	1		
	5/3 way directional control valve mid position closed	1		
	Quick exhaust valve 1/4"BSP	1		

Note: Specifications are subject to change.

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Actuating Devices (O/P)	Single acting cylinder - Bore 25mm,	1	Single acting cylinder - Bore 25mm,	1
	Double acting cylinder - Bore 25mm,	1	Double acting cylinder - Bore 25mm,	2
	Vacuum suction generator	1	NA	
Logic Control	OR gate / shuttle valve 1/8" Bsp (F)	1	Limit Switches NC/NO.	3
	AND gate 1/8" BSP(F)	1	Proximity switch (Inductive)	1
Resource Panel	NA	-	24V DC power supply. 8 Relay card PLC interfaceable with NO NC contact & 24 Vdc coil, Dual Timer	
			WITH NO - NC contacts or Optionally LGLC (12 input + 8 output) with CDP and ladder software.	1
Electrical Connections	Mains cord with stackable connector	2	1Meter = 500 mm = 100 mm =	12 10 05
Pneumatic	Polyurethane Tube 6 X 4 = 1meter	10		
Quick change couplers	1/4" BSP female socket	35	1/4" BSP female socket	13
	1/8" BSP Female socket	11	1/8" BSP Female socket	05
Mechanical Dimension	<ul style="list-style-type: none"> •Anodised Sturdy Aluminum Profile Rack (table top) system with Aluminum Profile T groove experiment board optionally double sided. •Total dimension : 1165 mm (L) X 300 mm (W) X 800mm (H) NEt weight : 75 kg. / 45kh. (Electro), Gross weight 85kg. / 60 kg. (Electro) •Aluminum Profile Grooved J Board : L = 107cm,W - 70cm. Reclining at 0°, 20°, 30°, Height: 700mm 			
Air Compressor (optional)	Air Compressor Displacement 3 cfm, Working pressure 7kg / cm(7 bar) with 0.5 HP 1440 rpm electric motor V / 50Hz, 1 ph. With 10bar gage & shut off valve with 8mm brass male connector hose, safety valve storage tank 35-50 Ltr.			

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