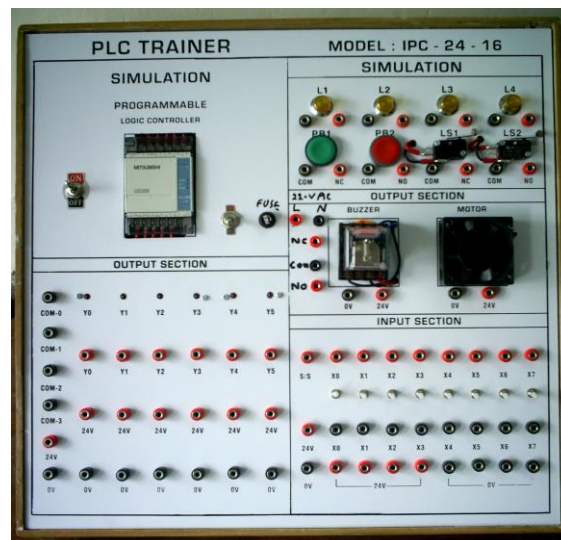


IPC EDUCATIONAL TRAINERS



PROGRAMMABLE LOGIC CONTROLLER TRAINER MODEL: - IPC-24-16 (Digital)

This trainer covers the following topics: Relays vs. programmable logic controller, how PLC functions, ladder diagram, ladder logic applications, program basis, programming the PLC, Editing program mistakes, series & parallel logics, Timer circuits, Counters, Sequencer circuits, Master control, Start/Reset, Shift register, Special scan timer logic circuit, High speed counter, Audio cassette program loading & down loading.

TECHNICAL SPECIFICATION:

Power 230V 50Hz Approx.35w DC Supplies +5V,.08A A.10 mV Ripple, 3.5 regulation, with no load on $\pm 15\text{VAC}$, 0.8A each load on +5supply (1A each at $\pm 10\text{V}$), LED power supply indicator (3), 5VAC, 0.1A (20 primary 230V 50H, power supplies are short circuit protected, power supply terminal for measuring voltages. 15 pin Winchester socket provided for connection , accessory panel bas.

PLC SPECIFICATION:

Operating temperature: 0-60 $^{\circ}\text{C}$ (32-140F) available user power (DC) 24Volts @ 0.1A max. battery life:-2—5 years, Memory size 16-bit words,700 words COMS EPROM. Scan Rate:12ms for 250 words.40 ms. For 700 words I/O points, 8 inputs, 6 outputs.

Note: - we reserve the right to change the shape & design of the trainer without prior notice.

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