Analog PLC Trainer

Product Categories: Electronics, Engineering Equipment, PLC (Programmable Logic Control) Lab, PLC (Programmable Logic Control) Lab
Product Page: https://www.labappara.com/product/analog-plc-trainer/

Product Description

Analog PLC Trainer
PLC Trainer has been designed in a different way than conventional PLC suitable to impart training and use of PLC in Process Industry for students at all levels with: 16 Input Switches and 16 Output LEDs to simulate the Ladder Program. PLC Assembler to generate ladder programs. ZIF on front panel to load programs from EPROM and adaptor. Descriptive user manual with number of examples including description & fundamentals of PLC. Number of Experimental Panels to be connected to the PLC for practical demonstration of PLC uses (optional).
SPECIFICATION: Microcontroller Based modular Mini PLC Trainer PLC Trainer consisting of main unit, Hand held programming unit 16 input signals (24V) and 16 outputs for controlling the process on D-type sub connector. Analog output: 12 bit Analog input: 16 channels (single ended) 8 channels (differential) Programming unit: Hand held model with 28 keys and 6 digit display. Static process control simulator board consisting of switches and 16 LEDs for input simulation and 16 LEDs for output indications respectively. RAM module with battery backup to store

the programmes. RS232C port available for uploading & downloading of files from PC. Powerful commands like AND, OR, ANI, ORI, SET, RST, LD, LDI, OUT, TIMER, COUNTER, ANB, ORB, IL, ILC, etc. directly executable Model Programmes for the following process provided for the guidance of the User.
Execution or programs are posible even without hand held unit Standard EPROM module which is affixed on ZIF socket tostore the programmes provided with the trainer. Main unit and Hand held Key pad are housed in attractive metallic unit.
User should be able to develop his own logics, store them in Hard Disk Drive
Detailed manual to carry out the experiments along with the instructions Operating voltage: 220V, 50Hz AC, ±10% at 50°C.