

ECAML

AC/DC SERVO MOTOR TRAINER

MODEL : ECAML-DCSER-1000A
MODEL : ECAML-ACSER-1000A

AC SERVO MOTOR TRAINING KIT

System consists of :-

- 1 nos single axis linear actuator c/w coupling.
- 1 nos AC servo motor.
- 1 nos servo driver.
- 1 nos 24V DC power supply.
- 1 set case for training kit c/w accessories
- 1 set training manual.

DC SERVO MOTOR TRAINING KIT

System consists of :-

- 1 nos linear actuator.
- 1 nos DC brushed servo motor c/w gear head.
- 1 nos SMAC single axis servo driver/controller 3A.
- 1 set of training kit casing c/w accessories
 - power supply.
 - Instruction manual.



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PROGRAMMABLE LOGIC CONTROLLER TRAINER MODEL : ECAML-2



Machine control continually requires more advance functions and higher processing speeds. The ECAML-2 is designed to provided higher value-added machine controll with a full complement of function in a compact PLC, to learn how the system can control other electro-machanical devides with PLC. This system is build especially for vocational school.

The lader program is provided to link the PLC with personal computer to monitor PLC operation, edit program, and read/write PLC data.

The aluminium casing is design for carrying around , good storage and better protection for internal devices.

Components lay-out :

- 14 pcs female jack wired to output PLC.
- 16 pcs female jack wired to input PLC.
- 14 pcs female jack wired to push on switch.
- 16 pcs female jack wired to indicator light.
- 24VAC DC switch power supply with over-load protection.

Specification for PLC Trainer.

- NAIS PLC, FPO-C14S with 8 input, 6 output.
- Switching power supply.
- Aluminium casing.
- Programming cable RS232C.
- Software in CD form.
- Accessories : pilot lamp, switches, banana jack, power cable, patch core, Instruction manual.

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TACHO GENERATOR TRAINER

MODEL : ECAML-TACH1000A

Specification :-

This system consists of :-

- 1 set of techo generator c/w motor.
- 1 unit techo meter.
- 1 set motor speed regulator.
- 1 set training kit casing c/w accessories.
- 1 unit DC power supply.
- 1 set of instruction manual.



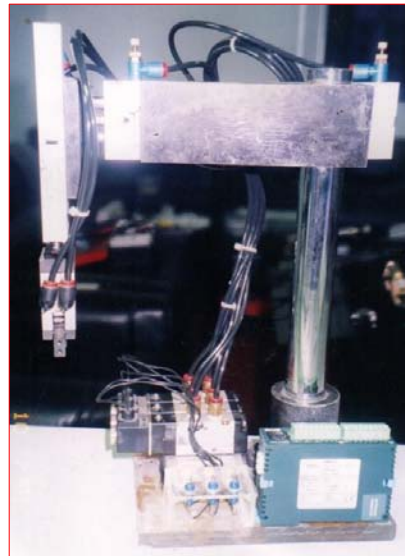
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ROBOTIC ARM TRAINER

ECAML-ROBOT-1000

The system consists of :

- 3 axis robotic arm with pick & place gripper.
- Built-in PLC interface unit.
- Sensor.
- Wiring and tubing.



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SENSOR TRAINER

MODEL : ECAML-SEN1000A

This system consists of :-

- 1 nos switching power supply.
- 1 nos photo sensor.
- 1 nos promimity sensor.
- 1 nos tru-beam sensor.
- 1 nos pressure sensor.
- 1 nos capacitor sensor.

Complete accessories :-

- Aluminium casing.
- 1 unit buzzer.
- 1 unit pilot lamp.
- 1 unit main switch.
- 38 pcs female binding post.
- 10 pcs male to male binding post.
- 1 round detection plate.



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Conveyor Industrial Training System

Model : ECAML-CONY-1

The system consist of :

- 1 set conveyer 1000mm x 100mm.
- AC motor c/w speed regulator.
- Photo electric sensor.
- Pulser Generator.
- 1 set PLC units.
- Relay c/w based.
- Strong based to hold the conveyer system.



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STEPPER MOTOR TRAINER

MODEL : ECAML-STEP1000A

Specification :-

System consists of :-

1. Casing for this trainer

- Material of aluminium.
- 71 pcs female binding post.
- 1 unit main switch.
- 1 unit push on switch.
- 2 unit pilot lamp.

2. stepper motor set

- 1 unit stepper motor.
- 1 unit motor driver
- 1 set linear actuator
- 3 unit proximity sensor.
- 1 NAIS FPE PLC unit.

3. Accessories

- 1 set RS232 programming cable.
- 10 pcs male to male cable.
- 1 set training manual
- 1 set operating manual.

