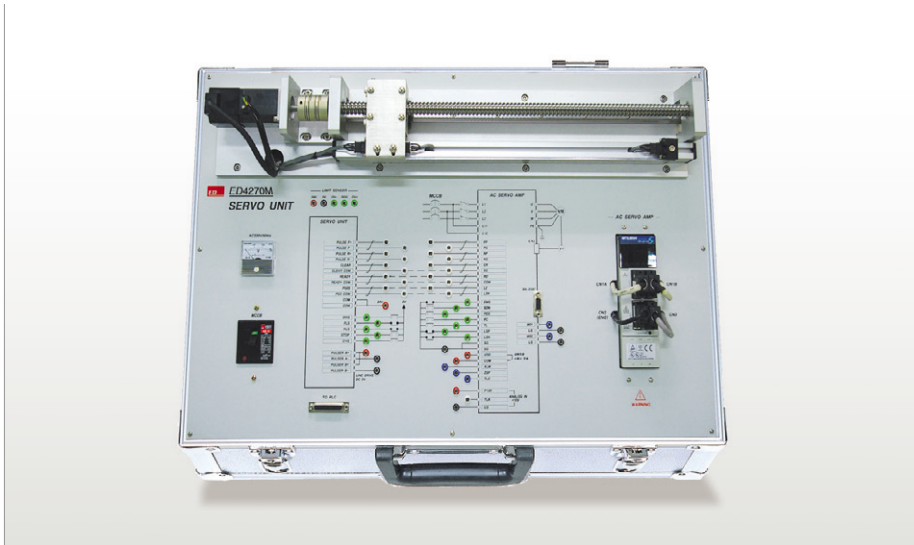


SERVO UNIT TRAINER

- Experiments on various types of special control unit
- Characteristics of Servo Motor and setup of Servo Driver
- Essential components in automation using a PLC position module
- 4mm banana jack to increase wiring capability

New
ED-4270M



> EXPERIMENTS

- Determination of the position
- Setup of the position unit and parameter
- Characteristics of Servo Motor and setup of the Servo Driver
- Wiring between Servo Motor and Programmable Logic Controller
- Speed, Torque and Position control operation

> SPECIFICATIONS

SERVO DRIVE

- Control Circuit
 - » Single Phase AC200~230V, 50/60Hz
 - » 50W
- Method of Control : Sine wave PWM control
- Maximum Input Frequency (Pulse)
 - » 500kpps(Differential Receiver)
 - » 200kpps(Open Collector))
- Resolution Per Rotation : 131072p/rev
- Speed Control Mode
 - » Analog Speed 1:2000
 - » Internal Speed 1:5000
 - » DC 0~ ±10V/rotational speed
- Torque Control Mode
 - » DC 0~ ±8V/torque

SERVO MOTOR

- Power Facilities Capacity : 0.3kVA
- Rating Output Capacity : 50W
- Rating Rotational Speed : 3000(r/min)
- Max. Rotation Speed : 4500(r/min)
- Max. Current : 2.2(A)

CONTROL PANEL

- Control Circuit
 - » Display of the circuit diagram on the panel
 - » Wiring practices for external I/O and control
- Method of Control : 4mm terminal

- Maximum Input Frequency(Pulse)

- » AL2t(Panton 427C coating)
- » Surface film strengthened By coating and heat treatment

- Resolution Per Rotation

- » Power Circuit Breaker / Switch (circuit protection function)

- Speed Control Mode

- » Interface Terminal(2ea)
- » RS-232C for Position Card/PC

- Power Supply

- » Free Voltage 50/60Hz
- » Output : DC24V/2.5A
- » Built-in Protection Circuit

MAIN STRUCTURE

- Ball Screw : 16 x 10R
- Guide Unit : 1LM
- Scale Unit : 300mm
- Sensor
 - » Limit detection
 - » Home positioning

ACCESSORIES

- AC Power Cord
- Cable / Connector for CN1A
- Encoder Cable Connector for CN2
- Connector Cable for CN3A
- PC Connection Cable
- 4mm Cable Set
- User's Manual