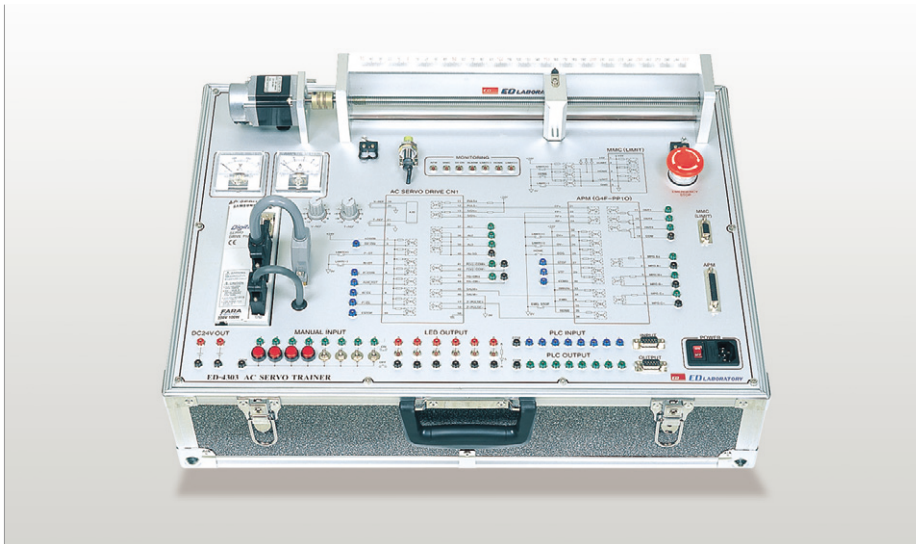


AC SERVO MOTOR TRAINER

ED-4303

- Experiments on Servo Motor control techniques using Servo Driver
- Aluminum carrying case for convenient storage and mobility
- JOG operation, PLC control operation, PC control operation
- Various types of control elements easily to be mounted
- Capable of checking normal operating voltage / over current by voltmeter and ammeter



> EXPERIMENTS

- Uniformity starting point using APM
- Velocity and position control using APM
- Operation mode using APM
- ZONE/POINT operation using APM
- Limit detection and return to starting point using MMC
- Velocity and position control using MMC

> SPECIFICATIONS

SAMSUNG CSMT (100W CLASS) MOTOR

- **Rated Output**
 - » Single Phase : AC 220V 100W
 - » Rating/Max. Speed : RPM 3000
 - » Current (Continuous) : 1.0A, Max. 3.0A
 - » Max. Torque : 9.7kgf·cm, 0.95N·m
 - » Weight : 0.4 kg
 - » Applied Encoder : 17bit Serial Encoder (Incremental, Absolute)

SAMSUNG CSDJ SERIES SERVO DRIVER

Small-sized, light-weighted, and power source-integrated product in full digital method using 32-bit high speed DSP

- **Main Circuit Power Source**
 - » 3-Phase 220V(+10%, -15%, 50/60MHz)
- **Power Source**
 - » Single Phase 220V(+10%, -15%, 50/60MHz)
- **Control Type** : PWM control using IPM
- **Encoder**
 - » 2048/2500/10000 Pulse/Rev. (Incremental, Absolute)
- **Dynamic Brake**
 - » Servo/Controller off
 - » Operable with the built-in alarm activated

SAMSUNG CSDJ SERIES SERVO DRIVE CONTROL

- **Velocity Control Range** : 1 : 5,000
- **Frequency Alteration** : 550Hz
- **Acceleration/Deceleration Time Constants Setting**
 - » 0~60 sec
- **Input Signal** : Sine+Pulse, 90° phase difference
- **Pulse Types** : 2-phase Pulse (A+B), CCW Pulse, CW Pulse
- **Pulse Forms**
 - » Line Drive(+5V), Open Collector(+5, +12V, +24V)

ACCESSORIES

- APM Cable : 1ea
- PLC I/O Cable : 2ea
- TIP Jack Connection Cable : 1set (Black : 20ea, red : 20ea)
- JOG Operator : 1ea
- Program CD : 1ea
- AC Power Cord : 1ea
- Operating Manual : 1ea