CPE-ER160

DC Motor Control Trainer

FEATURES
- Designed to control the installed DC motor by PLC programming
- Equipped with photo interrupter sensor, photo coupler and pulse generator
- Digital indicator displaying the motor's RPM
- With circuit diagrams on the trainer's front panel to maximize learning effects

EXPERIMENTAL CONTENTS
- How to control CW/CCW of a DC motor
- Speed control of a DC motor
- Multistep speed control of a DC motor
- Counter circuit
- Counting the number of rotation
- How to control a DC motor by a programmable logic controller
- CW/CCW control of a DC motor by a programmable logic controller
- Multistep speed control of a DC motor by a programmable logic controller
- CW/CCW repeating control of a DC motor

SPECIFICATIONS

DC motor	Power Source: DC 24V Revolutions per minute: 120 RPM
PLC control unit	Arithmetic calculation : Internal program repetitive calculation I/O control method : Scan sync batch processing Program language : Mnemonic Ladder Command : Basic (30ea)and Application (154ea) Processing speed : 3.2 ~ 7.6us/step Program memory capacity : 800 steps
Circular rotary disc	Size: Ø110mm
Sensor	Photo interrupter sensor
Relay	DC 24V
Indicator	4-digit FND
Zener diode	6V, 12V, 18V
DC 24V output lamp	5ea
Toggle switch	2ea
Selector switch	1ea
Input push button	4ea
Power source	AC 220V

STANDARD ACCESSORIES
- Power cord : 1ea
- Connection cable : 1set
- User's guide manual : 1ea