

• Mechatronics

UNIVERSAL PLC TRAINER

New
ED-UPLC

- Docking System architecture separating the main body from PLC modules
- Various types of Programmable Logic Controller experiments
- Modular structure for convenient storage and mobility
- Built-in multi connection device compatible with world's famous PLC brands

※ Standards : LG GLOFA GM-4 PLC Unit

※ Options : Siemens, Mitsubishi, Allen Bradley, OMRON PLC unit



> SPECIFICATIONS

PLC UNIT

- CPU Module
 - » Computing Speed : 0.10μs
 - » Program Capacity : 28k step
 - » I/O Points : 1024 points
 - » I/O Device Points : 2048 points
- Digital Input
 - » Input Points : 16points x 2
 - » Input Voltage : DC24V
- Digital Output
 - » Output Points 16points x 2
 - » Relay output
- Input Voltage : AC220V
- Base Module : 8 slots

MAIN FRAME

- Structure
 - » 625(W) x 340(H) x 430(D)mm
 - » Desktop type
- Power
 - » Voltage: DC24,10V
 - » Current: 2A
- Input Terminal : 32 points(8-point COM)
- Input Voltage : AC220V 50/60Hz

- Output Terminal : 32 Points(8-point COM)
- Mounting Capacity : 2.5ea(Basic)
- Modules
 - » Basic : 2.5ea
 - » ED-4260 Option : 17ea
- Docking System
 - » Slide type
 - » I/O: 96P
 - » Analog:48P

ACCESSORIES

- Patch Cord(Ø4) : 1set
- Circuit Connection Cable : 1set
- Pneumatic Hose(Ø6, Ø4) : 1set
- AC Power Cord : 1ea
- Dust Cover : 1ea
- RS-232 Cable : 1ea
- Program CD : 1ea
- User Manual : 1ea

OPTIONS

Please refer to page 242~244 on ED-4260 model for the option modules

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ED-UPLC

Experiments Module



ID-UPLC-1 INPUT & OUTPUT UNIT

- Selection Switch : 1ea
- Push Button Switch : 7ea
- Toggle Switch : 4ea
- Output Lamp : 2ea
- Buzzer(DC24V) : 1ea
- Output Terminal : 31ea



DS-UPLC-2 DATA & SENSOR UNIT

- Digital Switch(4digits) : 1ea
- Binary Counter (LED Display 4digits) : 1ea
- Capacitive Proximity Sensor (DC24V) : 1ea
- Inductive Proximity Sensor (DC24V) : 1ea
- Reflective Photo Sensor (DC24V) : 1ea
- Electrical Limit Switch : 1ea



SC-UPLC-5 POTENSIOMETER & METER UNIT

- Voltage Signal I/O : 15V~0~+15V variable
- Current Signal I/O : 0mA~0~+500mA
- Signal Converter : 10-turn VAR (10k Ω /3W)
- Indicator(AVM) : DC 0~15V(2ea)
- Interface : 10ea
- Terminal : 4mm Jack



CP-UPLC-3 (OPTION) COUNTER & POSITON UNIT

- DC Motor(900rpm) : 1ea
- DC Deceleration Motor (30rpm) : 1ea
- Stepping Motor(2-phase) : 1ea
- Photo Sensor Output : 1ea
- Limit Sensor Output : 1ea
- Input Power : DC24V



TP-UPLC-4 (OPTION) TOUCH PANEL UNIT

- Screen Size : 5.7"
- Resolution : 320 x 240
- Color : 256 colors
- Input Power : DC24V
- Serial : RS232C x 2ea
- Power Switch : 1ea



PM-UPLC-6 (OPTION) SIGNAL CONTROL UNIT

- Signal System : Traffic Signal Crosswalk Signal
- Road Way : Cross-road
- Signal Lamp(DC24V) : 24ea
- Interface : 24ea
- Terminal : 4mm Jack



PC-UPLC-7 (OPTION) PNEUMATIC UNIT

- Pneumatic Double Acting Cylinder 16-50 : 3ea
- Pneumatic Single Acting Cylinder 16-50 : 1ea
- Speed Control : 7ea
- Sensor(DC24V) : 8ea
- 5/2-way Double Acting Solenoid Valve : 3ea
- 5/2-way Double Acting Solenoid Valve : 1ea