

## • Mechatronics

# SIEMENS SIMATIC STEP7-300 MODULAR PLC TRAINER

# ED-4260S

- SIMATIC STEP7-300 PLC programming and execution
- Modularization of the devices essential for PLC I/O commands
- Experiments for basic command and various application program
- Binary data experiments with 4digits digital switch and display unit
- Customizable for various types of STEP7-300 series CPU



Optional Device : Option Modules (16ea)  
Please refer to page 241~244 for the Basic and Option Modules

## > SPECIFICATIONS

### MAIN FRAME

- **DC Output**
  - » Voltage : 0~24V Continuously Variable
  - » Current : 0~2A Continuously Variable
  - » Ripple : 0.02%+2mV
  - » Regulation : 0.02%+1mV
  - » Voltmeter : DVM 3digits
  - » Ammeter : AAM
  - » DC Output Protection : Constant current protection (Fixed DC 24V)
- **AC Output**
  - » Voltage : 220V(Fixed type)
  - » Current : 1A(Maximum)
  - » Terminal : Safety connector type
  - » Protection Circuit : Electronic stabilization of overcurrent (Reset function)
  - » Voltmeter : DVM 3digits
- **Input/Output terminal**
  - » Input : 32 points(8-point COM)
  - » Output : 32 points(8-point COM)
- **Module** : Basic : 3ea , Option : 17ea
- **Number of Base Slots** : 8ea(excluding the power unit and the CPU unit)
- **Input Voltage** : AC 220V 50/60Hz
- **Dimension** : 760(W) x 430(D) x 340(H)mm
- » Internal Memory : 2k
- » Timer/Counter : 128/64
- » I/O Capacity : 1024/1024
- » Digital Signal : 1024
- » Analogue Capacity : 256/128, Step7 standardized by IEC 61131-3
- **Base Module : DIN RAIL**
  - » Size : 530mm
- **Power Supply Module : PS 307(5A)**
  - » Input Voltage : 120/230V AC
  - » Output Voltage : DC 24V/5A
- **Input Module : SM321(2ea)**
  - » Input 16 Points(Source) : DC 24V 7mA
  - » Response Time : 1.2 ~ 4.8ms
  - » 8 Points 1 Common : 20-point terminal
- **Input Module : SM322(2ea)**
  - » 16 Points : 24V/AC 230V AC, 24V/120V DC 8A
  - » Response Time : 0.5Hz
  - » 8 Points 1 Common : 20 terminals
- **PC Adapter** : Converter for Loader(RS-485 to RS-232C)
- **Other Accessories** : Micro memory card
- **Graphic Software Step7 Lite** : PLC programming and editing for Step7-300/C7(LAD, FBD, STL) I/O, Analogue, IFM
  - » Online Access : MPI
  - » OS : WINDOWS 9x, WINDOWS XP, WINDOWS NT

### PLC UNIT : SIEMENS SIMATIC STEP7-300

- **CPU : CPU315**
  - » Memory : 64k
  - » Commands : 21k
  - » Processing Speed : Binary digits operation 0.3ms, Words operation 1μs, Actual digits operation 50μs
  - » Communication Resource : 4/8

### ACCESSORIES

- Connection Cord(φ4) : 1set
- PC Cable : 1set
- AC Power cord : 1ea
- Program CD : 1set
- User Manual : 1copy

### OPTIONS

- Electric Sequence Control Simulation Software (EDS-ESS)