

# PCT-200 PROGRAMMABLE CONTROLLER TRAINER

The system is designed to provide a solution for hands-on activities in the areas of automation technologies, including programmable controllers, digital I/O, analog I/O and human machine interface. This unit is provided in a hard-shell suitcase with integrated casters and handle. There is also a table top option. The unit includes 2 external connection blocks that allow any external I/O devices to be connected directly to the controller.

## TOPICS COVERED

- Introduction to PLCs
- Controller Communications
- PLC Project Development
- Monitoring Input/Output Data
- PLC Addressing
- Relay Type ,latching ,timer,counter Instructions
- Math , Data Manipulation Instructions
- Program Control Instructions
- Analog Devices
- Introduction Human Machine Interface
- HMI Communications
- HMI Project Development
- Screen Creation and Navigation
- Text, Button and Switch Objects
- Numeric Displays and Entry



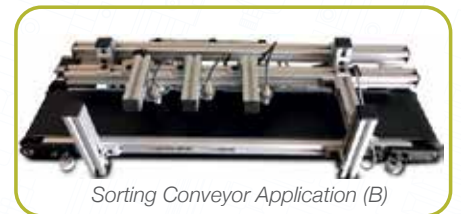
### DIFFERENT CONTROLLER OPTIONS



### DIFFERENT HMI



### DIFFERENT PLC APPLICATIONS

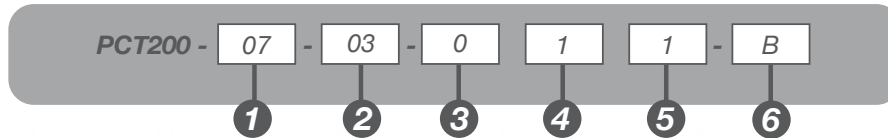


## PCT-200

The Programmable Controller Trainer

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## HOW TO ORDER



Select at least one

### 1 Controller options

- 01 AB Micro800
- 02 AB MicroLogix 1100
- 03 AB CompactLogix<sup>1</sup>
- 04 Siemens S7-1200
- 05 Siemens S7-1500
- 06 Siemens S7-300<sup>1</sup>
- 07 Omron CP1
- 08 Mitsubishi FX-3
- 09 Automation Direct Do-More
- 00 No PLC

<sup>1</sup> Software not included

Select one

### 2 HMI Options

- 01 AB 7" Micro PanelView
- 02 AB PanelView Plus 7" <sup>1</sup>
- 03 Siemens KTP-700 7"
- 04 Omron NB 7"
- 05 Mitsubishi GS 7"
- 06 Automation Direct C-More
- 00 No HMI

<sup>1</sup> Software not included

Select all required

### 3 Software options

- A PLC Software for AB Option  
(To be included for controller option 03)
- B PLC Software for Siemens Option  
(To be included for controller option 06)
- C HMI Software for AB Option  
(To be included for HMI option 02)
- 0 No software

Select one

### 4 Fault Insertion

- 1 Fault Insertion  
(included in the base system)

Select one

### 5 Form factor

- 1 Table Top Frame
- 2 Hard Shell Suitcase with Removable Lid, Casters and Pull Handle

Select all that apply

### 6 PLC Application

- A Traffic Signal Application
- B Sorting Conveyor Application
- C Electro-Mechanical Ball Screw Application
- D PID Pressure Application<sup>2</sup>
- E PID Temperature Application
- 0 None PLC application

<sup>2</sup> Requires Compressed Air Source

