

## H-PLC-ML-1200-FT Programmable Logic Controller

### Purpose

The **MODEL H-PLC-ML-1200-FT** Programmable Logic Controller shall consist of the Hampden **MODEL H-ML-1200** Programmable Logic Controller mounted on a common machine frame with combination **MODEL H-PLC-FT** Interface Module with emergency disconnect.

### MODEL H-ML-1200 Programmable Logic Controller

### Purpose

The Hampden **MODEL H-ML-1200** Programmable Logic Controller provides students with hands-on experience, utilizing standard commercially available programmable logic controllers interfaced with actual input and output devices. The student gets hands-on experience on interconnection wiring, general programming information, ladder diagram programming, programming trainers, counters, timers, and self-diagnostic function, and power failure protection.

### Specifications

- Input Voltage:  
85-265VAC 50/60Hz via a 6ft. power cord
- Power Consumption:  
80VA
- Operating Temperature:  
0-55°C
- Operating Humidity:  
5 to 95%  
(without condensation)

### Function Specifications

#### Processor Unit

The MicroLogix 1200 fixed hardware style shall include a CPU with 6K Word Instruction capacity, a power supply and a 40 I/O in one. Also has capacity for accepting optional I/O modules.

#### Power Supply

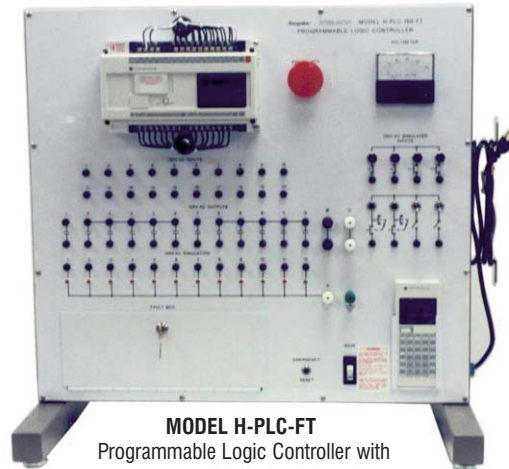
The Power Supply provides power at 5V.DC.

#### I/O Configuration

Provides (24) 1Ø AC inputs and (16) relay outputs. Each with status LED Indicator.

#### Input Voltage

85-265V.AC 50/60Hz via a 6 ft. power cord.



**MODEL H-PLC-FT**  
Programmable Logic Controller with  
programmable faults (shown)

### H-LTCS Laptop Computer

#### Description

The Hampden **MODEL H-LTCS** is a fast, rugged, expandable, system that is built to stand-up to the heavy demands of an educational environment.

Plenty of expansion capacity in addition to the highest quality components have made the Hampden **H-LTCS** a performance leader.



#### Programming Option

Provide (1) **H-RS-LOGIX** programming and documentation software package

All Hampden units are available for operation at any voltage or frequency

**Hampden**  
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# Programmable Logic Control Trainers

Educational Training Equipment for the 21st Century

## MODEL H-PLC-FT Interface Module

### Description

The Hampden **MODEL H-PLC-FT** Interface Module shall consist of the desk mounting frame designed for the mounting of the **H-ML-1200** Programmable Logic Controller.

The **H-PLC-FT** shall consist of:

- a main circuit protected switch with pilot light
- emergency pushbutton with holding relay
- eight simulated inputs
- twelve LED simulated outputs
- sixteen fault-insertion toggle switches
- sixty-four Hampden HR-1S color-coded socket receptacles
- six HB-3M binding posts
- silk-screened nomenclature

Unit comes with one set of Hampden PP series interconnection cords.

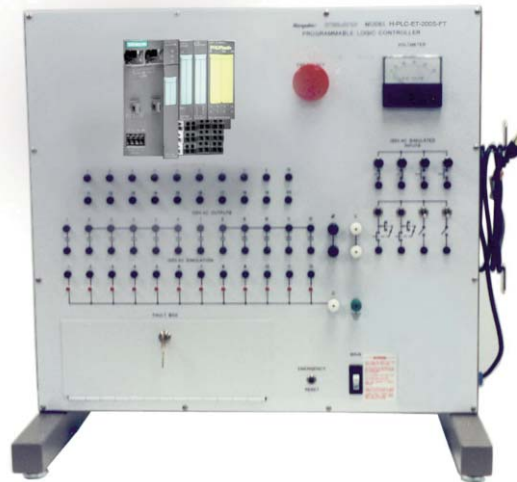
Courseware package and Allen Bradley Manuals

### Power Input:

120V AC 60Hz

## H-PLC-ET-200S-FT Programmable Logic Controller

The **MODEL H-PLC-ET-200S-FT** Programmable Logic Controller available with Siemens Module ET-200S PLC.



**MODEL H-PLC-ET-200S-FT**  
Programmable Logic Controller with  
programmable faults (shown)

All Hampden units are available for operation at any voltage or frequency

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