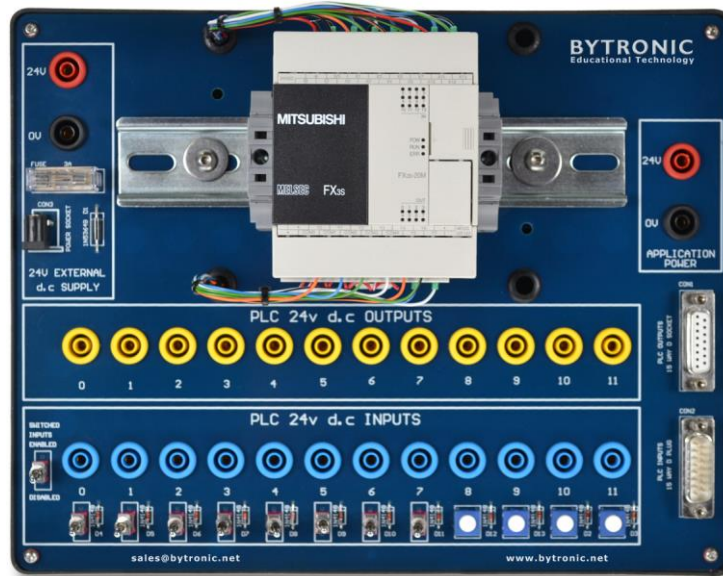


Mitsubishi FX3s PLC Trainer PLCM1**Key Features:**

- All connections easily accessible thru 4mm colour coded terminals and D connectors
- PLC prewired, alleviates the issue of damage to PLC with rewiring for each use.
- Built in switches allows pre-testing of program.
- Easily stored and setup

The Mitsubishi FX3s PLC is the latest in the FX3 series of PLC to by Mitsubishi. The PLC is fixed to a pre-wired PCB that enables easy connections. The trainer gives access to the PLC's I/O capabilities providing an effective means for the student to test and debug the program prior to connecting to the application. All inputs and outputs are available through the colour coded safety sockets (4mm) and 'D' type connectors. Simulation of inputs is possible using the built-in switches.

The controllers of the FX3S is designed to handle basic control task, it has a standard RS422 interface port for serial communications. A USB port (mini B) permits connection to a PC for high speed programming uploads and downloads along with monitoring. The FX3S has a built in EEPROM that can store up to 16,000 steps, 4,000 steps are reserved for the PLC program and up to 12,000 steps can be used for comments, and processes basic instructions in 0.21 μ s, making the FX3S an autonomous and very service-friendly system. For programming of the FX3S the GX Works2 programming software is used.

Specification

I/O Capabilities	12 x 24V DC Sink/Source Inputs 8 x Relay Outputs
Output Range	≤240V AC / 5- 30V DC
Power Supply	24V DC, 400mA
High processing speed	0.21µs
User memory	4000 steps EEPROM (internal)
Communications Port	USB Mini-B/RS-232
High Speed Counter	1-phase 60kHz: 2 points; 10kHz: 4 points
Variable analogue potentiometer	2 points PCB Fitted in a durable plastic box
Trainer Construction	
Connectors	1 x 15 pin 'D' socket for outputs 1 x 15 pin 'D' plug for inputs 12 x 4mm terminals Inputs 12 x 4mm terminal outputs
Input Switches	12 switched inputs: 8 x toggle 4 x momentary push
Power Supply	24V DC fused

Additional Items Required to use PLC

Required Programming Software	GX Works2
	USB Cable
	Suitable PC

A PC with minimum; Pentium processor, 1GB RAM, 20GB HDD, CD Drive, and Windows OS

Ordering Information

Model Number:	PLCM1
<i>Consists of:</i>	1 x Mitsubishi FX3s PLC fitted to a PCB on an ABS enclosure 1 x User Manual

Weights and Dimensions

Un-Packed		Packed	
Dimensions (mm)	290L x 230W x 180H	Dimensions (mm)	500L x 400W x 300H
Approximate Weights	1.5Kg	Approximate Weights	3Kg

Bytronic Limited

124 Anglesey Court, Towers Business Park,
Rugeley, Staffordshire, WS15 1UL.
United Kingdom

Tel; +44(0)3456 123 155

Email: sales@bytronic.net Website: www.bytronic.net