iQ-F PLC Simulator

Model Number: iQ-F PLC SIM

The iQ-F Simulator takes advantage of our feature rich iQ-F Compact PLC and GT27 HMI. This simulator delivers teachers an off the shelf solution to address teaching or testing requirements.

PURPOSE

Designed for the classroom environment, this unit easily sits on a desktop and is portable. Utilizing MELSOFT GX Works3 and GT Works3 software, students will learn to configure and program both PLC and HMI. Once the simulator is configured and programmed, the student can validate performance by cycling the unit to verify functionality without the risk of physical machine damage. Mitsubishi Electric's iQ-F simulator is a cost-effective solution that delivers a wide variety of programming capability and functionality for entry level to advanced curriculums.

Simulator Features	Simulator Benefits
The iQ-F Series PLC provides a cost effective solution that boasts ease of use, functionality and high performance in a small footprint.	Easily programmable with drag and drop functionality. Delivers flexibility to simulate common applications found in a multitude of industries.
Ability to integrate VFDs and servo drives.	Expandable capability with plug-and-play functionality.
Multiple programming languages: IEC 61131 programming languages are supported.	This flexibility allows the user to program in the most efficient manner.
Extra-durable HMI that delivers flexible configuration, programming and storage of data capability.	Programming available through touchscreen, USB port or PC with data collection and storage.
GX Works3 Software	Supports multiple programming languages for use in function block diagram, ladder logic, structured text and sequential function chart methods.
GT Works3 Software	This revolutionary and intuitive design environment provides host of attributes and graphical elements needed to quickly and easily develop visualization projects.

Primary Components	Website Link: Additional Information
iQ-F Series CPU	iQ-F Series CPU Overview
GT2708 – 8.4" HMI display with USB 2.0, RS-232,RS-422/485, SDHC	GT27 Series HMI Overview
GX Works3 Software	GX Works3 Software Overview
GT Works3 Software	GT Works3 Software Overview

The following provides critical dimensions and weight information.

Dimensions (WxHxD) inches: 18.75 x 13.375 x 7 • Weight (lbs): 15

Learn more about Mitsubishi Electric's Diamondworks! Workforce Development Program at: Diamondworks
View the complete offering of Mitsubishi Electric simulator solutions at: Training Education Resources
Contact us to learn more about Diamondworks! Workforce Development: Diamondworks@meau.com