

## Series 90-30 Training Simulator

### Description

The **Series 90-30 & QuickPanel View Training Simulator** shows off the best features of this advanced automation solution while providing an accessible classroom resource for hands-on labs and exercises.

The simulator includes an Ethernet connection between the Series 90-30 CPU374 Controller and the QuickPanel Control HMI to demonstrate the ease of integrating a machine-level HMI with a GE Intelligent Platforms Controller. The simulator also includes the latest in communications technology to make it easy to inter-connect a set of simulators to demonstrate Ethernet technologies.

The simulator comes complete with discrete, analog, and high speed counter inputs and outputs.



### Series 90-30 Hardware

The **Series 90-30 Controller** hardware provides a wide variety of modules to meet customer training needs. CPU, Communications, Power Supply, IO modules, rack, and cabling are included and pre-assembled. The simulator is ready for use straight out-of-the box. The Controller rack has three empty slots for additional option modules.

### QuickPanel View

A 6-inch **QuickPanel View** machine-level HMI, **IC754VSI06STD**, is included with the simulator with connectivity to the RX3i Controller. The QuickPanel View unit is pre-configured to communicate with the RX3i using its built-in Ethernet port.

The 6-inch TFT QuickPanel View provides a great touch screen platform for running **Proficiency View** HMI applications to interact with the Series 90-30 Controller.



## Training Simulator Components

The Training Simulator system includes the following components:

Qty	Part Number	Description
1	IC754ZVSI06STD	6-inch TFT QuickPanel View / 24 VDC / Touch.
2	IC693CPU374	CPU 374 Module with 240K Bytes configurable user memory. Two Embedded Ethernet 10/ 100Mbps ports with built-in switch.
1	IC693CHS391	10 Slot Base.
1	IC693PWR331	24-VDC High Capacity Power Supply, with built-in serial port.
1	IC693CMM321	Ethernet Interface TCP/IP Module.
1	IC693ACC300	Input Simulator Module, 16 points.
1	IC693MDL752	5/12/24-VDC (TTL) Output, Negative Logic Module, 32 points.
1	IC693APU300	High Speed Counter (HSC).
1	IC693ALG442	Analog Combo Module 4 Input/2 Output.
1	IC693BEM331	Genius Bus Controller.
3	IC693ACC310	Blank filler module.
1	IC690ACC901	Mini-Converter Kit with cable (RS-485/RS-232).
1	IC693CBL316	Station Manager Serial Cable for Ethernet TCP/IP.
2	N/A	Ethernet Cable, one for Programmer, one for QuickPanel connection.

