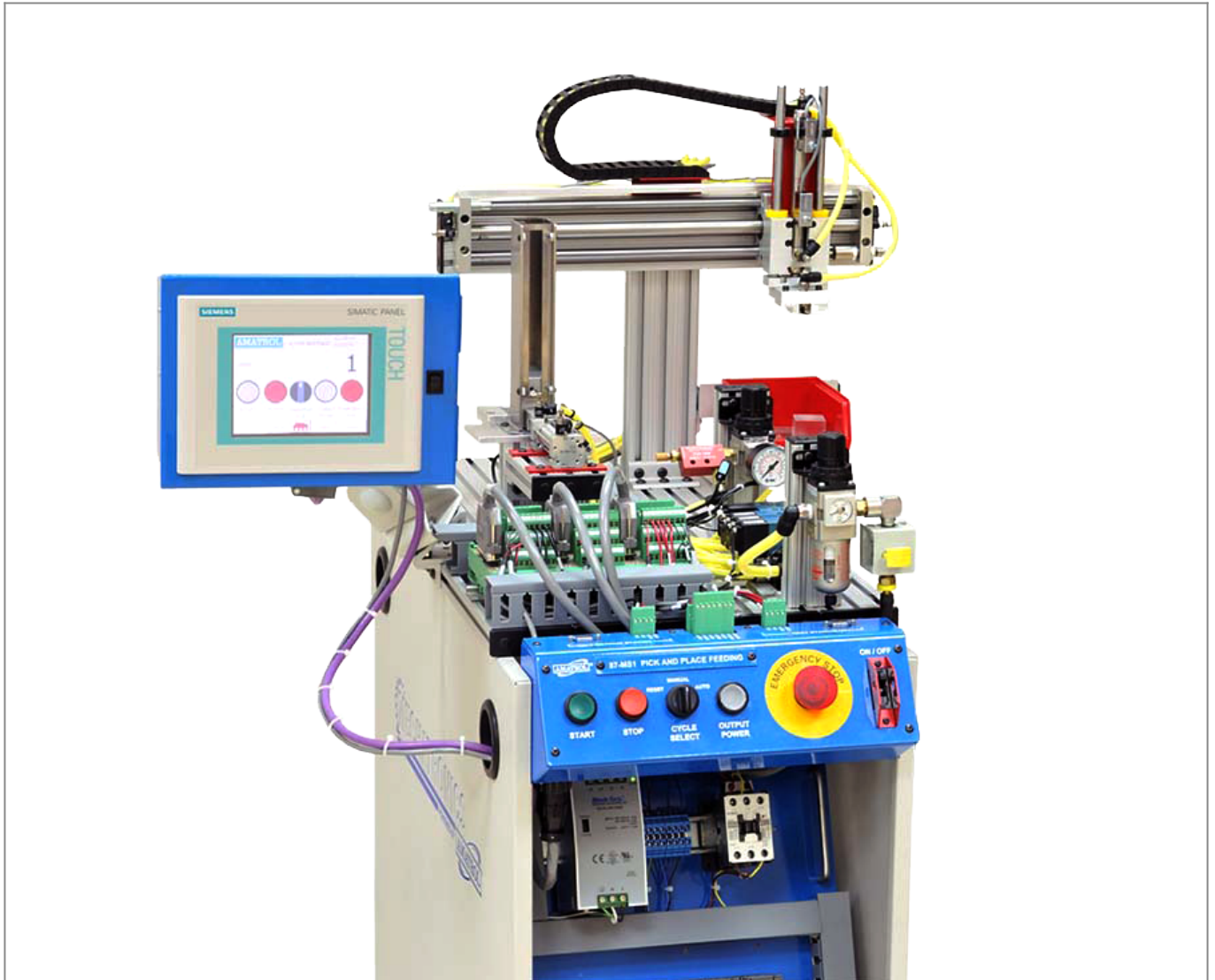


Mechatronics HMI Terminal Learning System | Siemens S7-1500



Mechatronics HMI Terminal Learning System - Siemens S7-1500: 87-HMIS715

Amatrol's Mechatronics HMI Terminal Learning System - Siemens S7-1500 (87-HMIS715) teaches learners how to use a human-machine interface (HMI) to control and monitor an automated line. Used in conjunction with Amatrol's 870 Mechatronics stations with Siemens S7-1500 programmable logic controllers, this HMI terminal training system will teach current or future machine operators, maintenance technicians, and supervisory personnel how to use an HMI to control and monitor the status of a machine or process.

The system features a PanelView Plus 600 HMI with a 6" screen, an HMI terminal module, an Ethernet cable, and a workstation pedestal mounting module. Also included are an Instructor's Guide, an Installation Guide, and a Amatrol's industry leading Multimedia courseware.

Teach Hands-On Skills

HMI Training for Real-World Applications

Flexible and feature-rich, HMI panels allow machine operators, maintenance technicians, and supervisory personnel to control and monitor the status of machines and processes on automated lines. As technology has advanced, HMI panels have replaced traditional hard-wired operator inputs and outputs in virtually all Mechatronics control and/or monitoring applications in most industries around the world. This HMI terminal training system represents Amatrol's ongoing commitment to bridging the skills gap with technical training tools backed by robust curriculum materials that focus on the hands-on skills required to thrive in today's advanced manufacturing environments.

In-Depth Curriculum Teaches Hands-On Skills

Amatrol's in-depth [curriculum](#) seamlessly weaves together theoretical knowledge with hands-on skills to solidify understanding and create a strong basis for pursuing more advanced skills. The HMI terminal training curriculum teaches learners about the construction, operation, and configuration of an HMI panel, the operation of FactoryTalk View Studio — ME software, and application editing topics, such as application displays, input and output objects, and numeric input/output. After studying these topics, learners will then practice hands-on skills, such as configuring communications settings, connecting an HMI to a network, transferring an integrated project, and operating an HMI panel.

Amatrol's World-Class Mechatronics

The HMI terminal training system can be integrated into any of Amatrol's Mechatronics learning systems for HMI control and monitoring. These advanced Mechatronics systems bring real-world industrial components into the classroom and help to build a broad array of job-ready skills in integrated technologies. Learners can make precision physical adjustments and program the systems to assemble a minimum of four different variations of directional control valves.

Multimedia

HMI Training for Real-World Applications

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Additional Info

Requirements:

- [Mechatronics Learning System - Siemens S7-1500 \(870-S715\)](#)
- One or more [Mechatronics Stations \(87-MS1 - 87 MS7\)](#)
- Computer: [See requirements](#)

Address

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