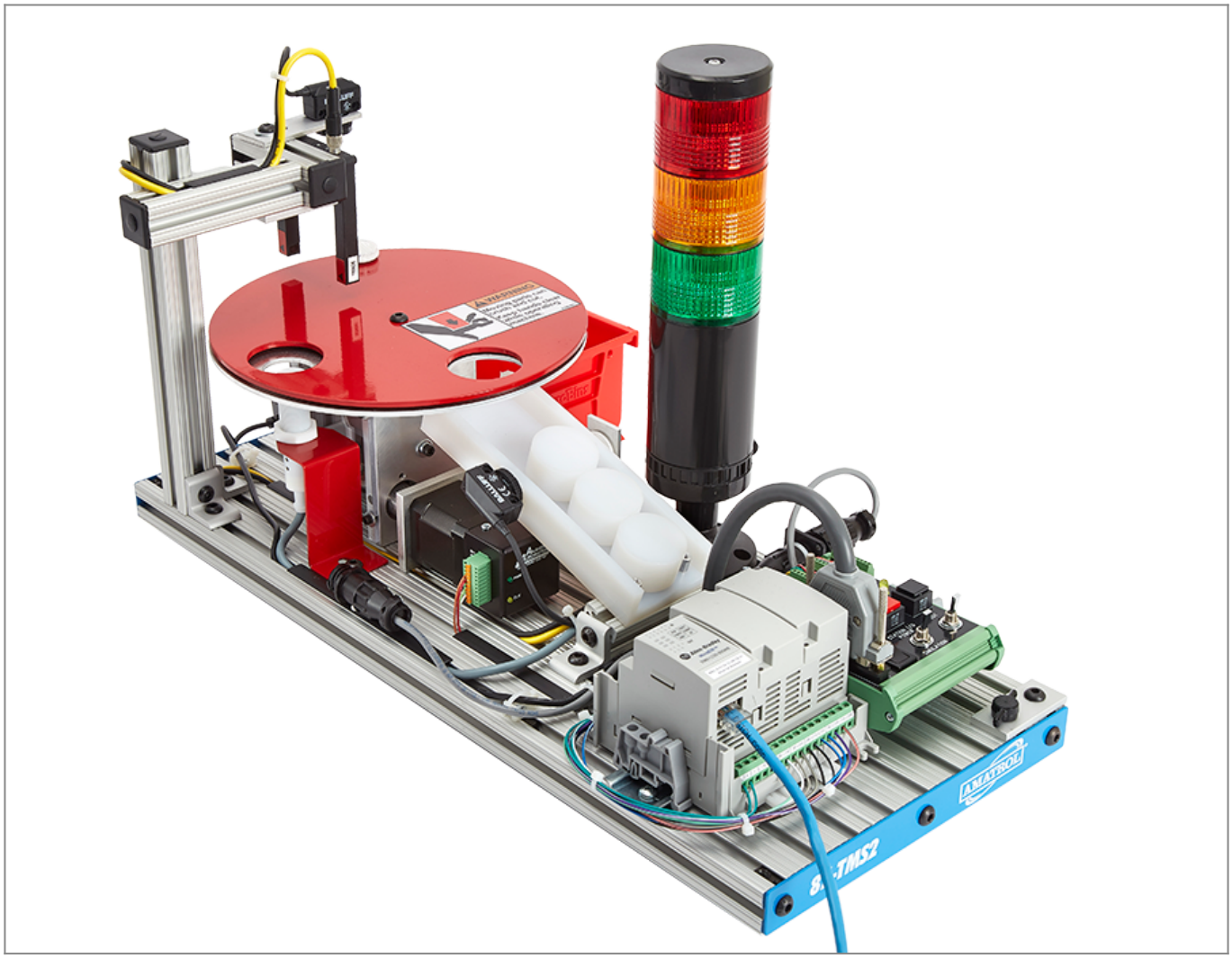
Inspection Station - Tabletop Mechatronics | Part Inspection and Indexing Training



Inspection Station - Tabletop Mechatronics: 87-TMS2

Amatrol's Inspection Station – Tabletop Mechatronics (87-TMS2) is an electrically-powered training system that focuses on the automated process of inspecting and indexing parts before they move to the next step in the advanced manufacturing process. The 87-TMS2 is one of the stations that makes up Amatrol's advanced Tabletop Mechatronics System.

The Tabletop Mechatronics System can also be equipped with a variety of smart sensors to teach advanced Smart Factory skills. Check out the following articles to learn more:

Teach Hands-On Smart Automation Skills in High School Using Amatrol's Tabletop Smart Factory by Duane Bolin

Transform Your Tabletop Mechatronics System into a Smart Factory by Duane Bolin

Teach Hands-On Skills

Mechatronics Training with Real Industrial Components
It features a variety of real-world, industrial-quality components, including: an electric stepper motor; three

different industrial sensors: retro-reflective, inductive, and fork; a multi-color stack light; an Allen-Bradley AB1000 programmable logic controller (PLC); 10 inputs; 6 outputs; and much more!

The 87-TMS2 is a portable, durable, and affordable solution to provide realistic mechatronics training and build real-world skills for careers in this vital industrial area. It can be used as a stand-alone system to teach inspection and indexing skills, or it can be combined with the Inventory Station – Tabletop Mechatronics (87-TMS1) and the Distribution Station – Tabletop Mechatronics (87-TMS3) to form a fully-automated Tabletop Mechatronics line!

Multimedia

Learners Benefit from Comprehensive Multimedia Automation Curriculum
The 87-TMS2 curriculum features an astounding breadth and depth of automation topics and skills. Key learning topics include: index station operation; adjustment of fork, homing, and proximity sensors; stepper motor programming; homing sensor adjustment; stepper motor index table sequencing; index station sequencing; and much more!

Amatrol's curriculum features a highly-interactive, multimedia format that includes stunning 3D graphics and videos, voiceovers of all text, and interactive quizzes and exercises designed to appeal to learners with different learning styles. The combination of theoretical knowledge and hands-on skills solidifies understanding and creates a strong basis for pursuing more advanced skills.

Additional Info

Requirements:

- Tabletop Mechatronics Learning System (870-PTAB82)
- Mobile Technology Workstation
    - 88-200-3 for use with the 87-TMS4
    - 88-200-4 for use with the 87-TMS4F
    - 82-610 or equivalent without 87-TMS4 use

Utilities:

- Electric: 100-240 VAC/50-60 Hz/1 phase
- Compressed air

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