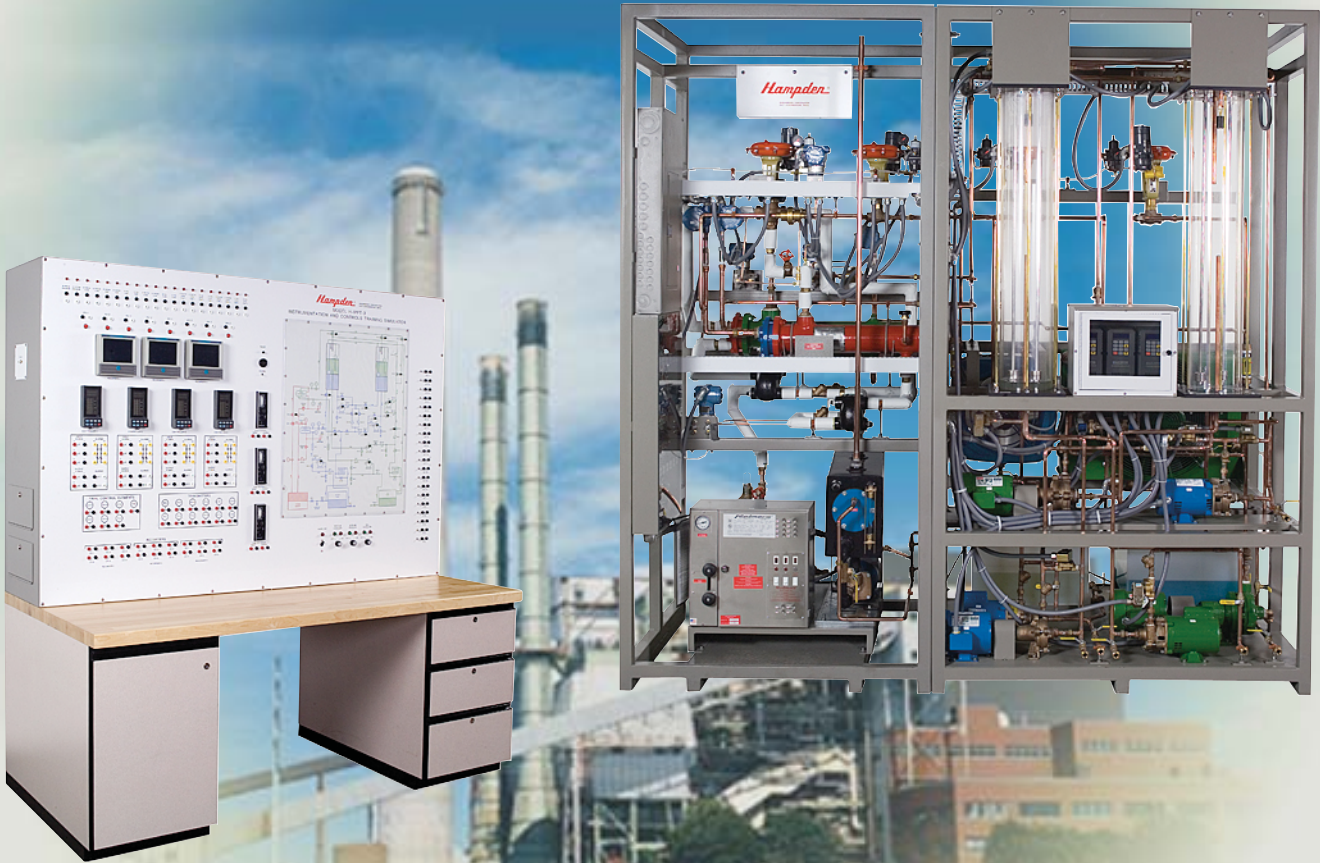


# INDUSTRIAL PROCESS PLANT TRAINER



**Hampden**<sup>®</sup>  
ENGINEERING CORPORATION





## HAMPDEN MODEL H-IPPT-3 is comprised of Two Sections

## REAL WORLD TECHNOLOGY IN THE CLASSROOM

**THE HAMPDEN MODEL H-IPPT-3 INDUSTRIAL PROCESS PLANT TRAINER** is a pilot plant unit designed for training engineers, technicians, repairmen, and operators in the following ways:

- Enables students to familiarize themselves with actual industrial process systems.
- It is designed to expose them to the different kinds of industrial equipment used in measurement and control.
- Has all the operating characteristics of a full-sized industrial plant without the psychological pressures and dangers inherent in an actual process plant.
- This permits students to make and experience the results of errors in system operation with no danger to the process or operator.
- It is designed to allow student development in the areas of system start-up, tuning, and troubleshooting, all of which are of critical importance to the instrument technician.

### The Control Section

Contains all control equipment, remote control interface and a complete tri-colored graphic representation of the pilot plant.

### The Process Plant

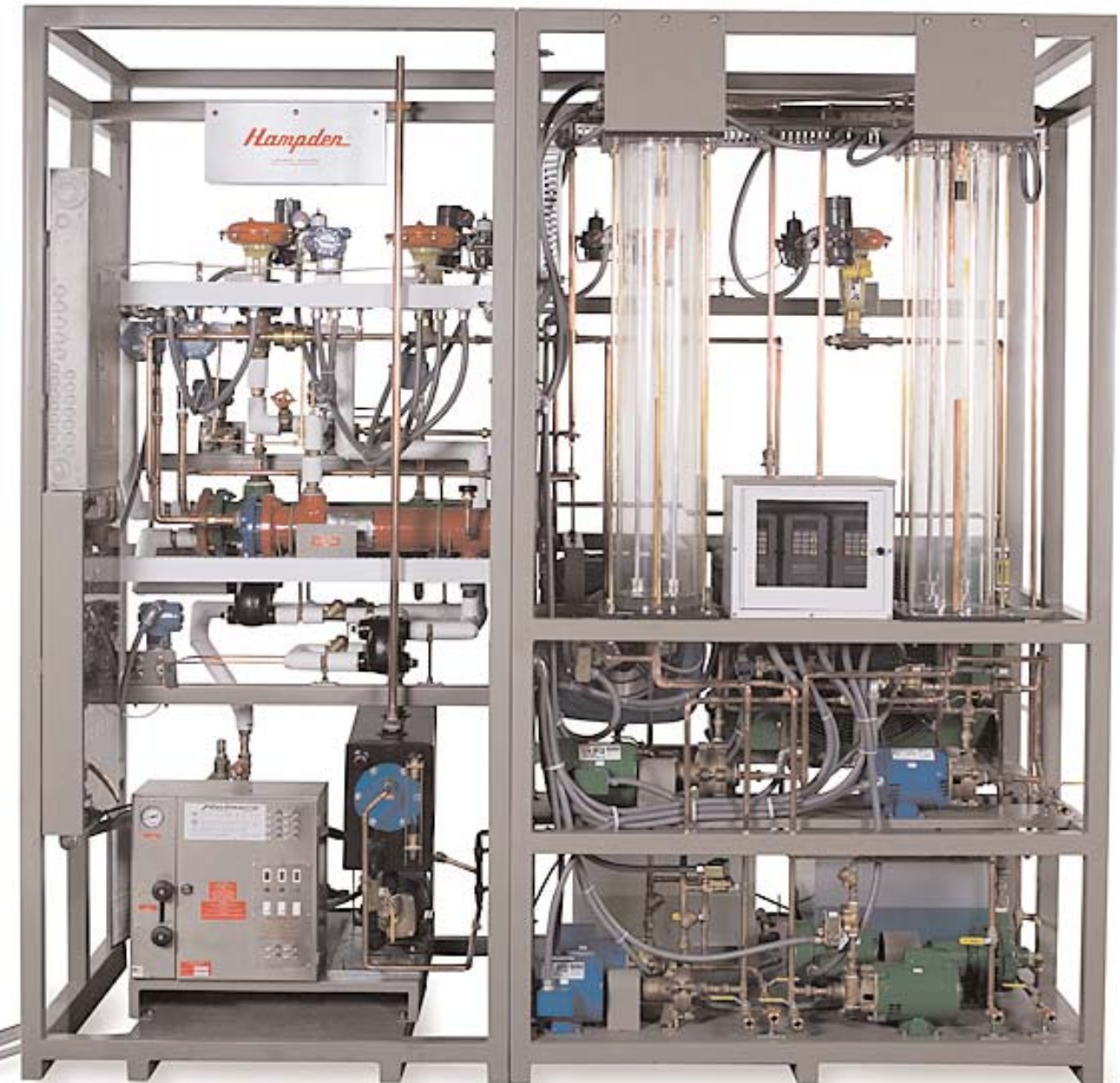
Is supplied with:

- ▶ Transparent Towers (2)
- ▶ Storage Tanks (2)
- ▶ Circulating Pumps
- ▶ Heat Exchangers (4)
- ▶ A Low-Pressure Steam Generating Boiler and all necessary hand valves together with its copper and applicable transparent piping.

The Hampden **MODEL H-IPPT-3** Industrial Process Plant Trainer comes completely equipped with the instrumentation necessary to allow instruction in operation, measurement, control, and control system tuning adjustment of the process and control system variables.



H-IPPT-3 Industrial Process Plant Trainer  
(Control Panel with Bench)



### The Process Plant

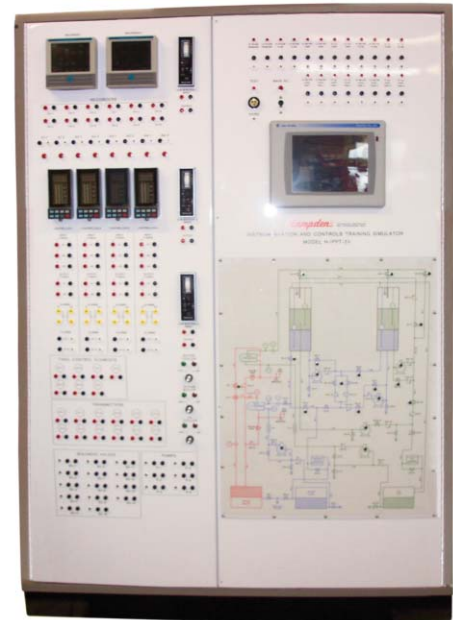
Incorporates transparent level towers that make it possible for the students to actually see the process in action. The two liquids used in the Process Plant have different specific gravities, different colors, and are immiscible. These liquids are non-corrosive to brass and copper alloys, non-toxic, and non-flammable.

**Standard Products...Designed to Meet Your Growing Needs!**



# INDUSTRIAL PROCESS PLANT TRAINER

*Designed & Built by the Leading Manufacturer of  
Industrial Training  
Equipment*



H-IPPT-3X Industrial Process Plant Trainer (with Cabinet Control Panel)

## *Optional Equipment*

- MODEL H-ICS-X Computer Control Software / Interface
- MODEL H-ICS-CS Desktop Computer System
- MODEL H-IPPT-3-FP Fault Program
- MODEL H-IPPT-PLC-5 Programmable Logic Controller
- MODEL H-ICS-CC Computer Workstation



Hampden is committed to providing industry-leading technology.

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