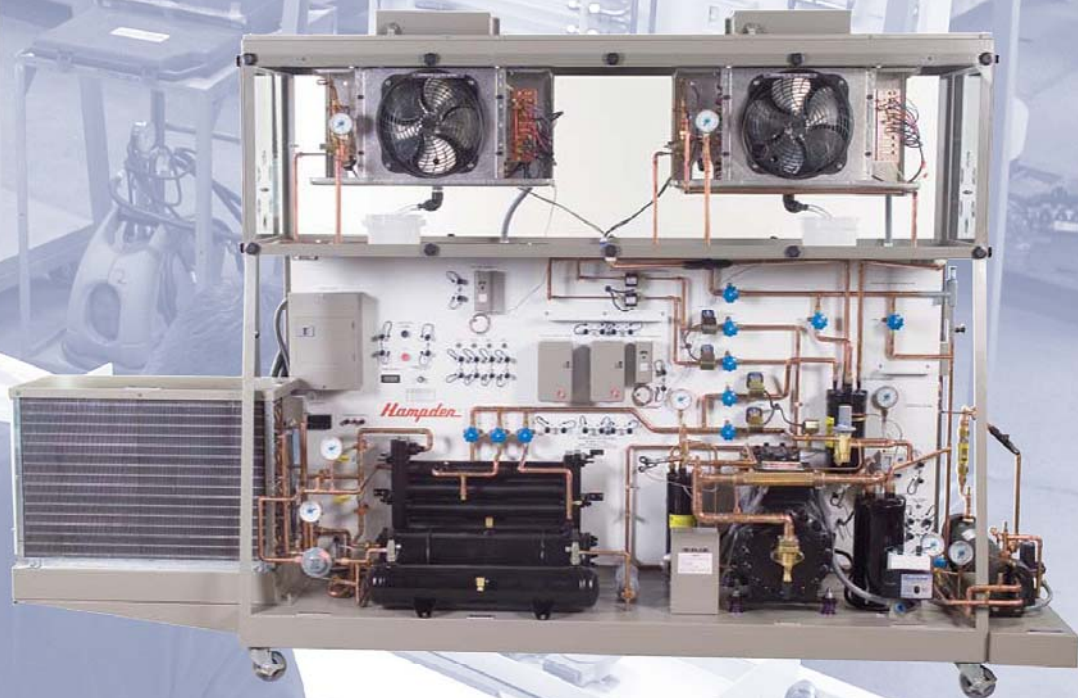


Hampden[®]
ENGINEERING CORPORATION

EDUCATIONAL TRAINING EQUIPMENT



FOR THE 21ST CENTURY

REAL WORLD TRAINING

Real World training with Hampden Engineering equipment takes students out of the textbook and into the workplace of their future.

No other teaching tool can help your students to fully comprehend complex concepts than our visual, interactive training equipment. And no other equipment manufacturer in the world offers equipment for a wider range of technical disciplines.

Since 1954, Hampden Engineering has built a reputation for quality training equipment for educational and industrial programs. More teachers and instructors count on Hampden Engineering to supply their equipment than any other manufacturer.

With a constant eye to the future, Hampden has been proactive in developing training equipment to meet the future demand of skilled technicians. Today, we offer equipment for the following areas of instruction:

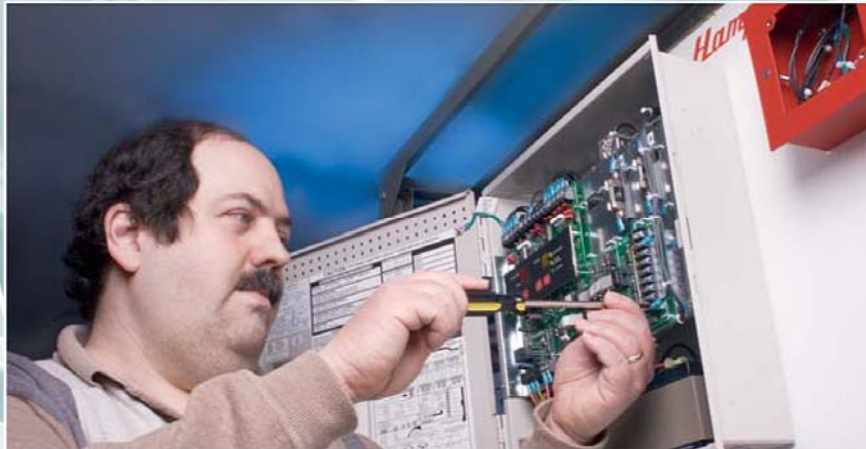


- Motors and Controls
- Process Control, Instrumentation and Pilot Plant Training
- HVAC
- Engineering, Electrical, Mechanical, Chemical, Civil
- Science
- Industrial Maintenance/Industrial Mechanics
- Sustainability/Green
- Hydraulics and Pneumatics
- Water/Wastewater Mechanics

Hampden Engineering offers an experienced team of field representatives who listen to your needs and help you select equipment that supports your curriculum and meets your teaching goals.

Hampden is a full scale manufacturer; building equipment from design to testing acceptance. This enables our staff to adapt product offerings to changes in the marketplace and customize options according to your needs.

Once you have determined your equipment criteria, you can be assured it will be manufactured under close supervision in our state-of-the-art manufacturing facility. Building equipment that lasts class after class, generation after generation, is the hallmark of Hampden Engineering.



WORK PLACE OF THE FUTURE

Number One In High Schools,
Colleges and Universities

Within each technical discipline, Hampden Engineering offers a variety of training equipment designed for students from high school to advanced college levels. This diversity enables you to select equipment that meets your institution's budget and educational requirements.

The areas of study cover the following topics:

- Electrical
- Electronics
- Electro-Mechanical
- Power Generation and Distribution
- Industrial Electronics
- Motor Controls
- PLC
- Air-Conditioning, Refrigeration, Heating and Cooling
- Hydraulics/Pneumatics
- Instrumentation and Process Control
- Industrial Mechanics?
- Mechanical Maintenance
- Diesel Engine Technology
- Automotive
- Industrial Training Systems
- Computer-Aided Instruction
- Water/Wastewater
- Smart Technology

To support instruction, we offer operational manuals and experiment manuals along with curriculum for every piece of equipment we make. Objective oriented training programs can also be designed.

Hampden Engineering conducts seminars to help teachers and students effectively use our training equipment. Your Hampden Engineering sales representative will be happy to discuss your needs in detail.

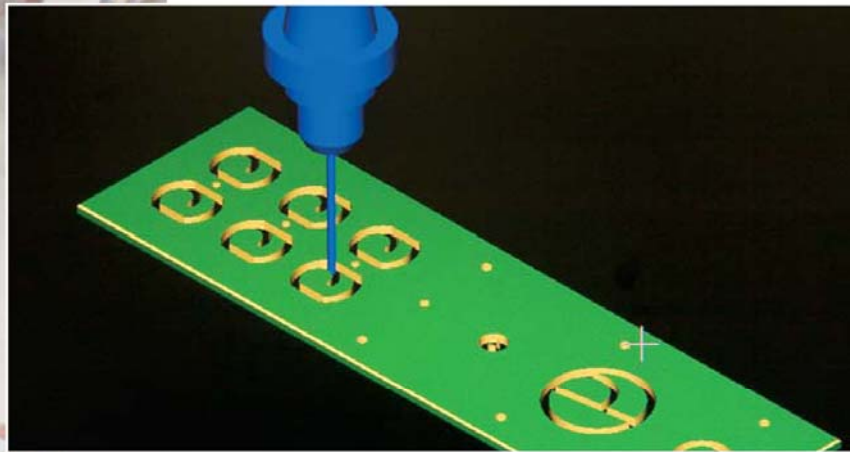
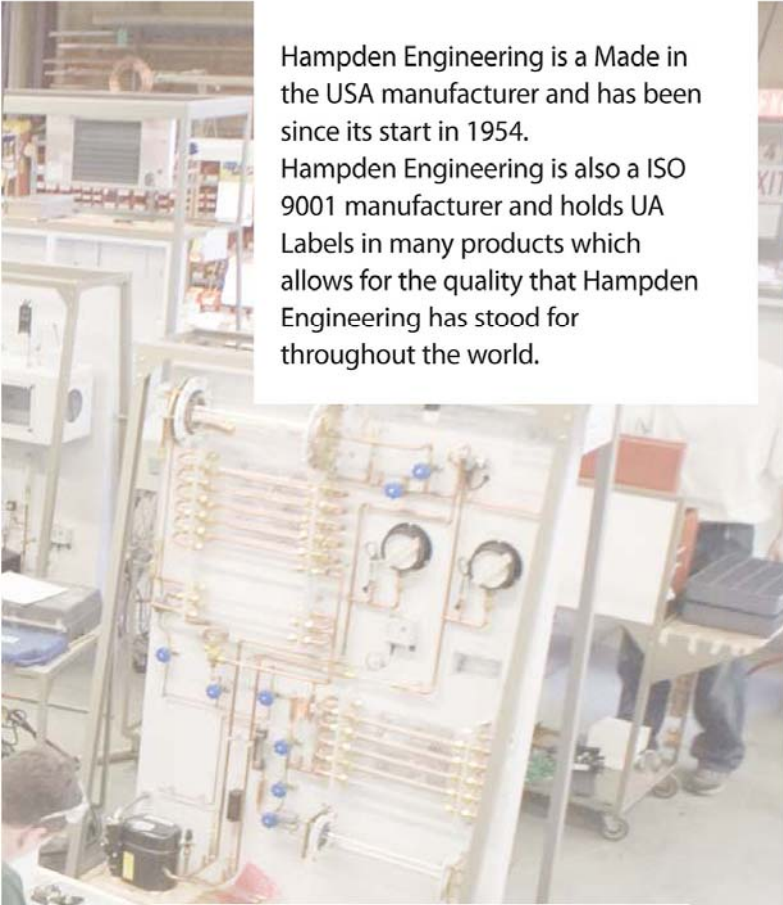


Thank you,
Michael J. Flynn, CEO,
Hampden Engineering

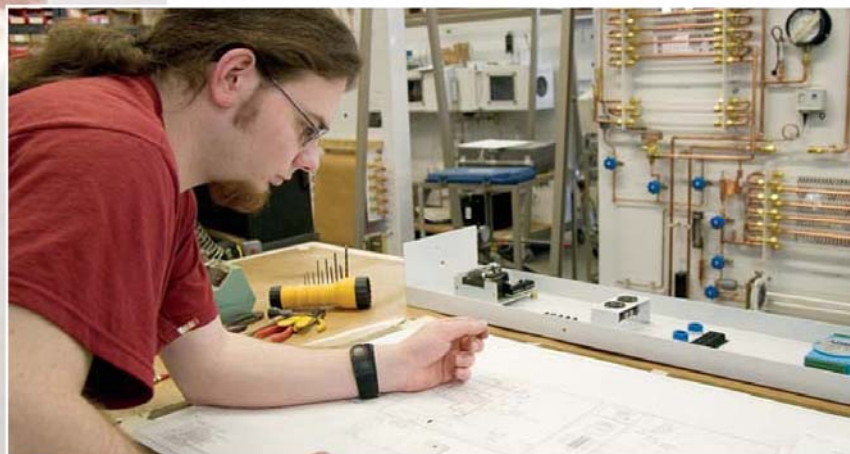
Hampden Engineering conducts seminars to help teachers and students effectively use our training equipment. Your Hampden Engineering sales representative will be happy to discuss your needs in detail.



Hampden Engineering is a Made in the USA manufacturer and has been since its start in 1954. Hampden Engineering is also a ISO 9001 manufacturer and holds UA Labels in many products which allows for the quality that Hampden Engineering has stood for throughout the world.



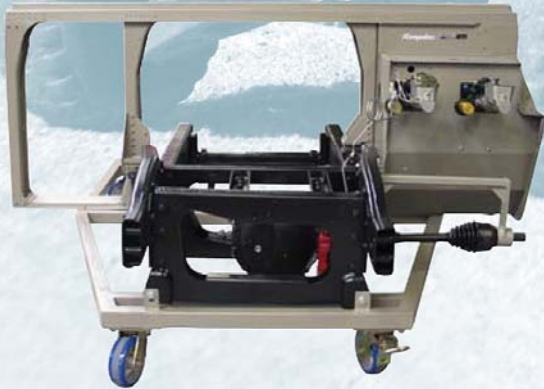
Thank you,
John D. Flynn, COO,
Hampden Engineering



MILITARY



H-AACT-HMMWV
Humvee Air Conditioning Trainer



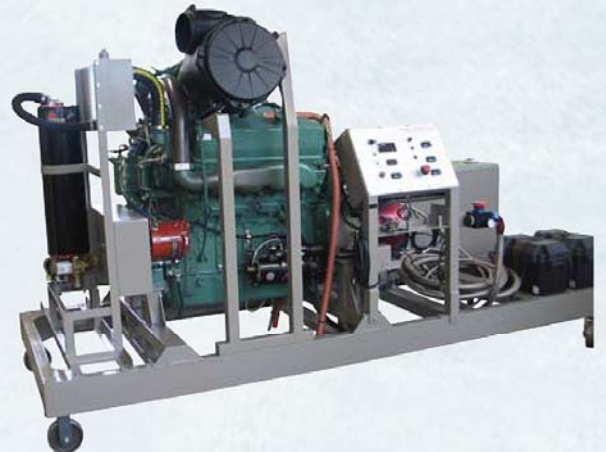
H-BST-HMMWV Braking System Trainer



H-HEMTT-1
Hemtt Hydraulic Crane System Trainer



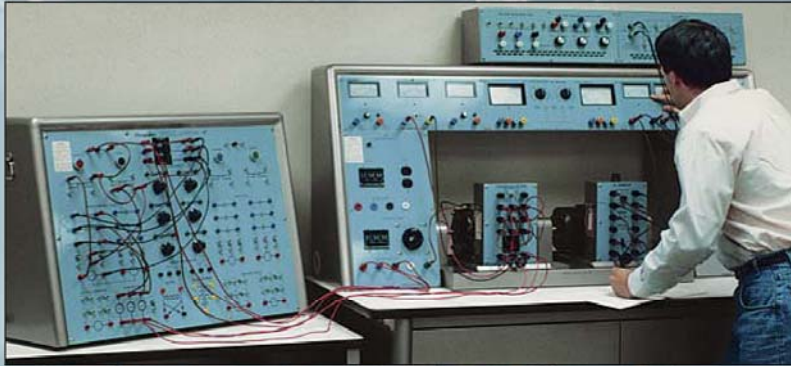
H-CAT-3116
Caterpillar Engine on Mobile Stand with Dynamometer



H-DET-8V-92TA
Detroit Engine on Mobile Stand with Dynamometer



HDI-100 Dissectible Motors Program



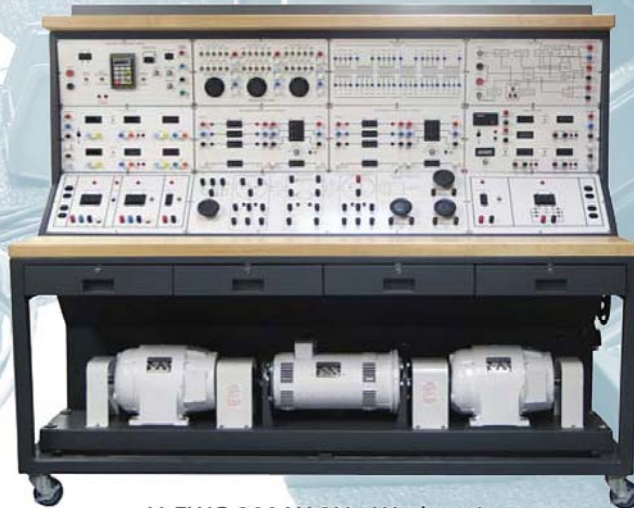
HMD-100-CM Workstation with ACC-100 AC Controller



HMD-100-CM-DA Console with Computer Data Logging

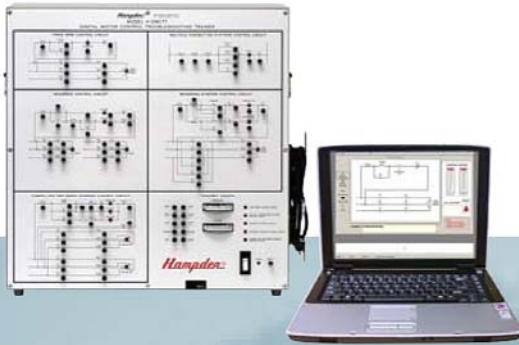


H-REM-120CM-MP Universal Laboratory Machine

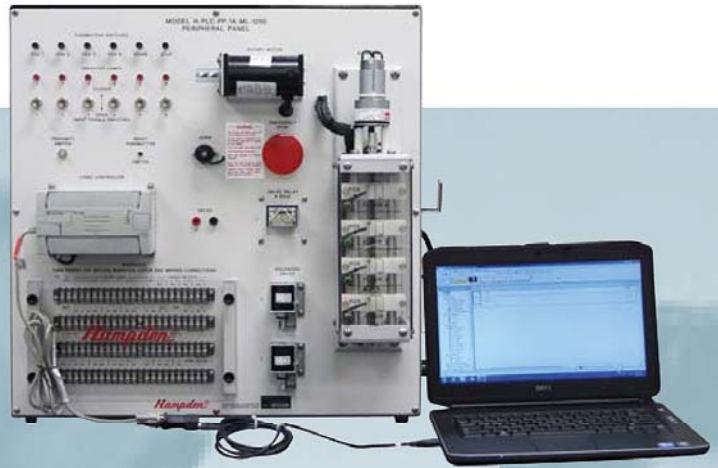


H-EWC-300AX 3Hp Workstation with Integrated Computer Control

CONTROLS



H-DMCTT Digital Motor Controls
Troubleshooting Trainer
with H-LTCS Laptop Computer System



H-PLC-PP-1A-ML-1200 Micrologix 1200 PLC and Peripheral
Panel with H-LTCS Laptop Computer System



H-VFD-100C Variable Frequency Drive 1/3 HP



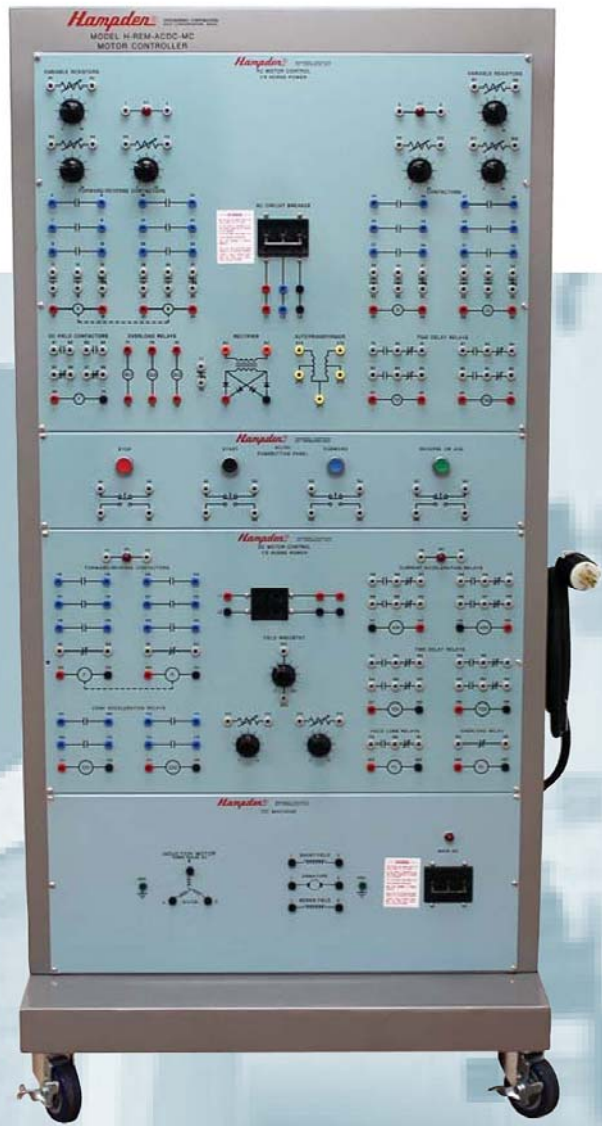
GNR-1200 Industrial Controls Training System



GNR-H2200 Industrial Controls Training System



H-ACVD-100 AC Vector Drive Trainer (shown with motor)



H-REM-ACDC-MC Motor Controller



H-R-SCR-1A Thyristor Demonstrator

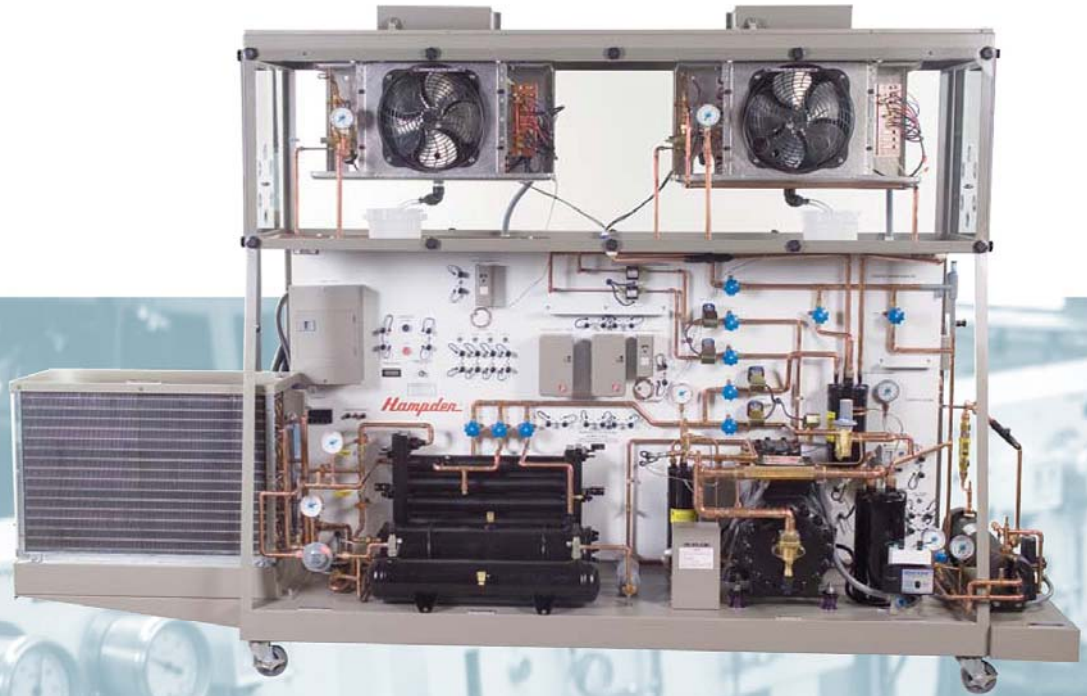


H-R-SCR-3 Power Electronics System



H-R-SCR-2 Power Electronics System

HEATING, REFRIGERATION & AIR CONDITIONING



H-IRT-1-CDL Industrial Refrigeration Trainer with H-IRT-ACC Air Cooled Condenser and H-IRT-EC Evaporator Chiller and H-IRT-FP-18E Electrical Fault Options



H-CFS-1B Compressor Fault Simulator



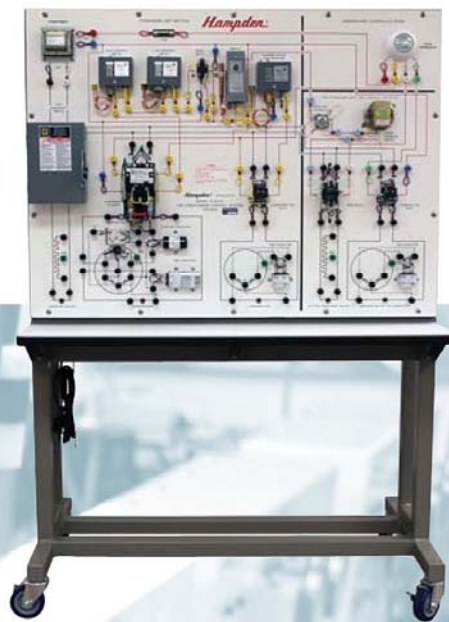
H-GHT-1B Gas Fired Warm Air Heating Trainer



H-CRT-4B Commercial Multi-Compressor Rack Refrigeration System Trainer



H-ACT-1 R-410A Air Conditioning System Trainer



H-ACCS-1 Air Conditioning Control System Trainer



H-MZBM-J2 Multi-Zone Building Energy Management Trainer



H-RST-2-CDL Refrigeration System Trainer with Computer Data Logging Option



H-MZBM-T1B Multi-Zone Building Energy Management Trainer



H-ACD-1A-CDL Air Conditioning Demonstrator with Computer Data Logging Option



H-ACD-2-CDL Recirculating Air Conditioning Demonstrator with Computer Data Logging Option

ENGINEERING



H-6925-CDL Fluid Circuits Demonstrator with Computer Data Logging Option



H-6160 Solid-Liquid Extraction Demonstrator



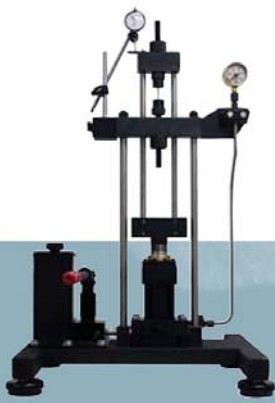
H-6150 Liquid-Liquid Extraction Demonstrator



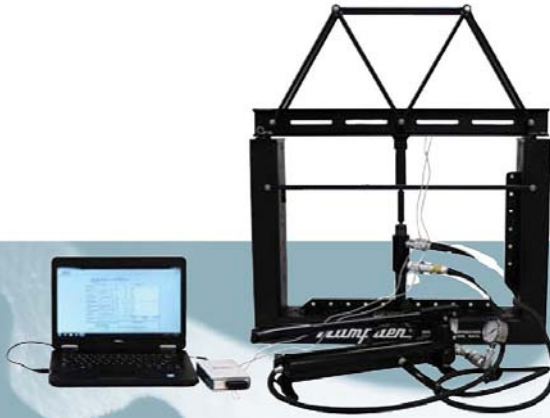
H-6173 Continuous/Fractional Distillation System



H-6531 Hydraulic Demonstration Channel



H-6310 Hydraulic Tension Testing Machine



H-6320-CDL Structures Test System with Computer Data Logging Option



H-6645 Series/Parallel Pump Trainer with H-6648 Control Interface Module Option



H-6910-12-CDL Wind Tunnel with Computer Data Logging Option



H-6910-24-CDL Wind Tunnel with Computer Data Logging Option

OIL & GAS TECHNOLOGY



H-ETS-1A Ethanol Production Process System



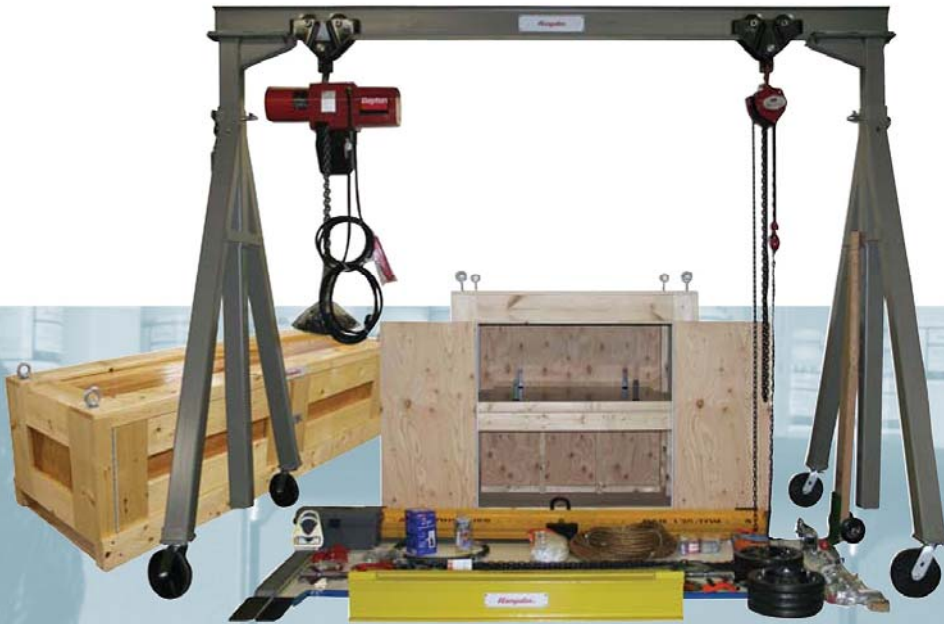
H-IDK-1 Desalination Process Trainer



H-6252 Modular Chemical Reactor System



H-6852 Modular Heat Exchanger System



H-RIG-1C Rigging Systems Trainer



H-IMTS-1
Industrial Maintenance Training System



H-IMTS-GB
Gearbox Maintenance Trainer



H-IMTS-BM
Bearing Module Trainer



H-CVAT-1A Control Valve and Actuator Trainer



H-PVST-1 Pump and Valve System Trainer

INSTRUMENTATION & CONTROLS



H-BOC BOC Simulator



H-6485 Instrumentation and Calibration Bench



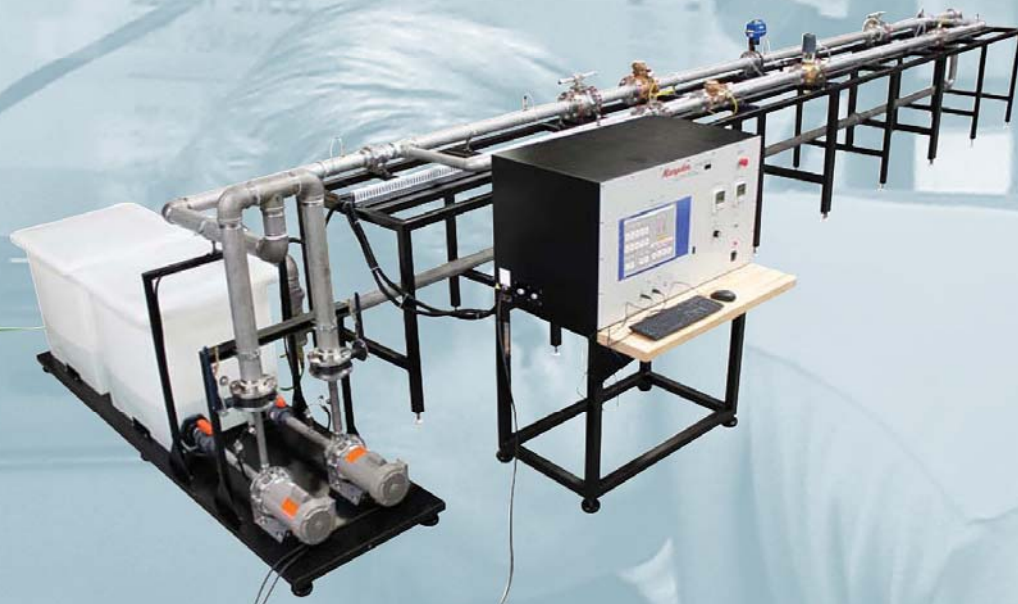
H-ICS-8189-4 Instrumentation Controls Trainer



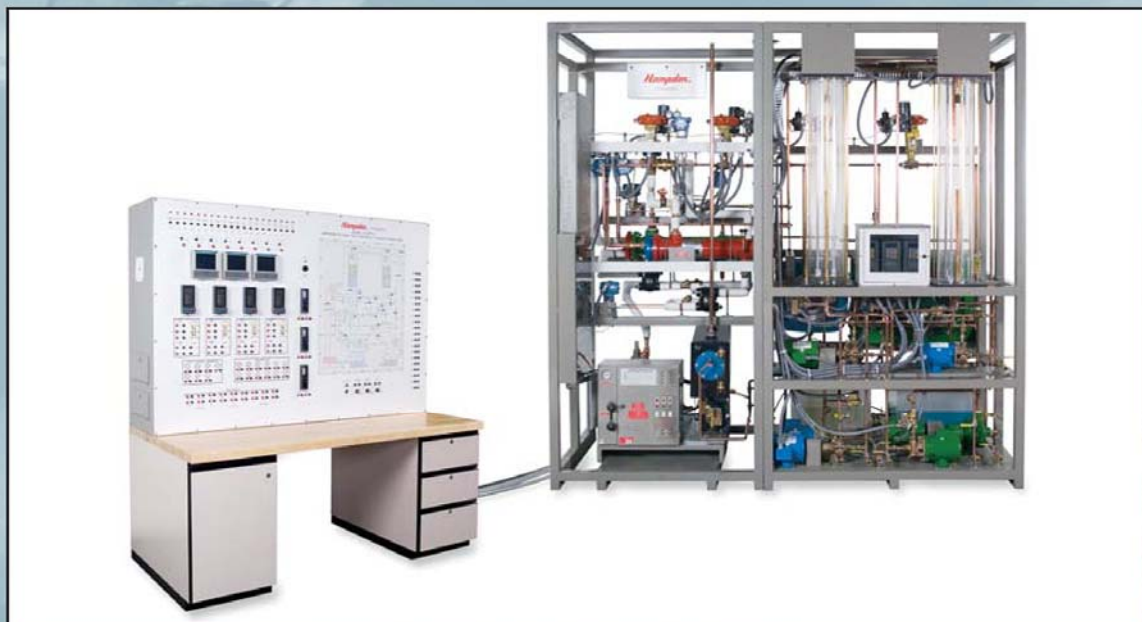
H-ICS-FX, LX, pHX, TX, PX Distributed Process Controls Simulators



H-ICS-FT, APT, LT, PT, HET, TT Process Loop Trainers

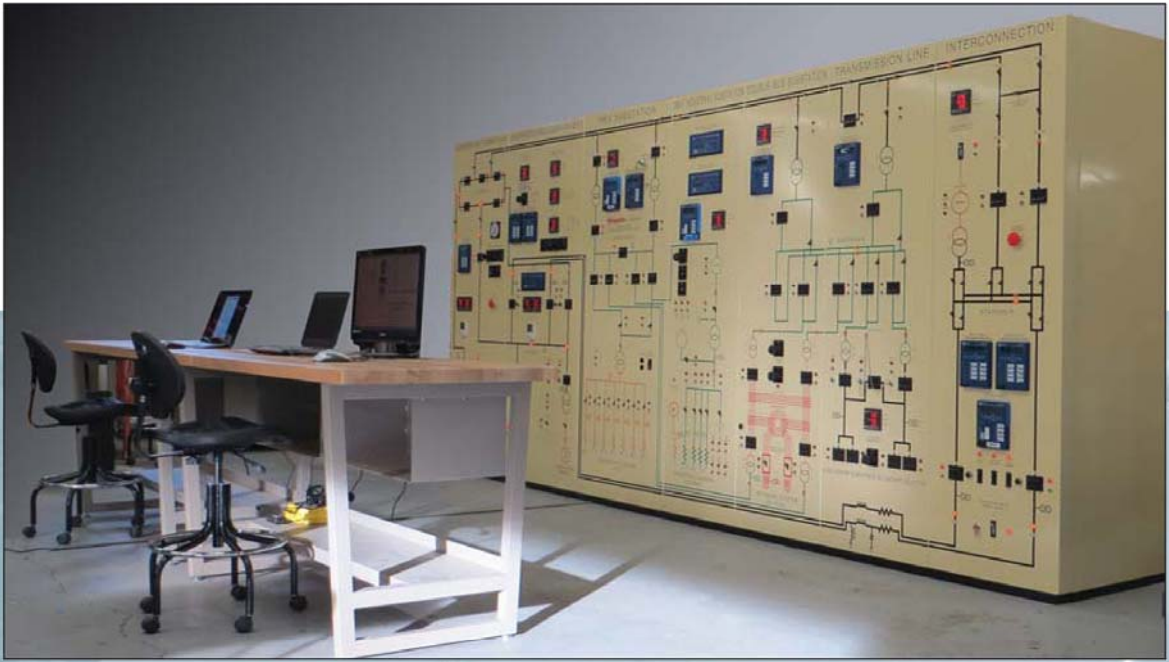


H-PVST-200 Full Scale Pump and Valve System Trainer

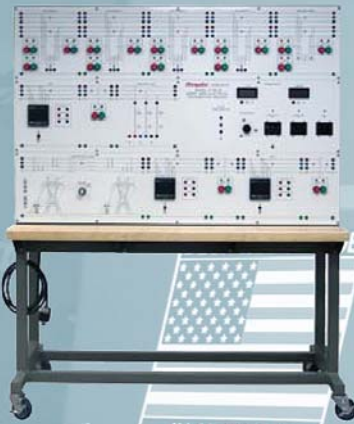


H-IPPT-3 Industrial Process Plant Trainer

POWER SYSTEMS/POWER ENGINEERING



Model 180 Power System Simulator with 262-180 Console



H-190-1A Smart Grid Electrical Distribution Trainer



H-DTT-26 Table Top Transformer Trainer with H-PRM-26 Phase Rotation Meter Option



H-DNT Distribution Network Trainer



H-190-2A Smart Grid Load Monitoring Trainer



H-190-3 Smart Grid Electrical Generation Synchronization Trainer



H-190-4 Smart Grid Solar Photovoltaic and Wind Turbine Trainer



H-190-5A Smart Grid Power Shedding and Load Management Trainer



H-FP-223-14 Hydraulic Trainer

H-FP-223-14P Pneumatic Option
for H-FP-223-14 Hydraulic Trainer



H-FP-223-14 Hydraulic Trainer
Double Sided



H-FP-223-15 Pneumatic Trainer
with EPS Electro-Pneumatic Option



H-FP-223-14-FP Hydraulic
Fault System Option



MODEL H-FP-223-14-JS
Joy Stick Option



HYDRAULICS/PNEUMATICS CONTROLS

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REPRESENTATIVES ARE READY TO SERVE YOU.
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