

ENGINEERING TRAINING SYSTEMS

Hampden Engineering is a world leader in design and development of engineering training systems for universities, colleges, and technical institutes. Since 1954, Hampden has supplied state-of-the-art equipment to engineering schools throughout the United States and in more than 50 countries worldwide.

Comprehensive Engineering Training Systems

Hampden offers complete hardware and software for engineering training at all levels of complexity. Its comprehensive engineering equipment solutions address a range of engineering disciplines, including:

- Heat mass and transfer
- Fluid mechanics
- Civil engineering
- Chemical engineering

Hampden continues to develop and introduce new products in response to technological needs.

Hampden Hamilton

Real World Trainers for Real Training

Hampden's success in hands-on engineering training is grounded in the philosophy of Real World Trainers = Real Training. Hampden's personnel bring realworld experience in both engineering and training. The result is the best in engineering training systems, coupling in-depth engineering expertise with hands-on, real-world training.

Standard Products...Designed to Meet your Growing Needs!

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Standard Products...Designed to Meet your Growing Needs!

Hampden Engineering Corporation



ENGINEERING TRAINING SYSTEMS

Mechanical Engineering

Fluid Mechanics



Model H-6910-CDL Wind Tunnel



Model H-6910-12A Wind Tunnel

Mechanical Engineering

Fluid Mechanics Continued



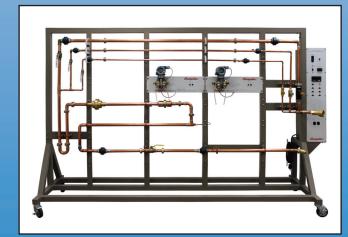
Model H-6950 Flow Measurement Unit



Model H-6981 Centrifugal Pump Test Demonstrator



Model H-6960 Laminar Flow Analysis Demonstrator



Model H-6920 Pipe Friction Demonstrator

ENGINEERING TRAINING SYSTEMS

Mechanical Engineering Fluid Mechanics Continued



Model H-6985 Waterhammer Demonstrator



Model H-6980 Series/Parallel Pump Test Demonstrator



Model H-6640 Air Flow Unit, Shown with Options -10A, -10B, -20A, -20B



Model H-6970 Hydrokinetics Demonstrator Shown with H-6970-U Ultrasonic Height Gauge Option



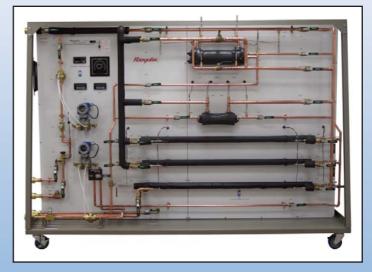
Model H-6925-CDL Fluid Circuit Demonstrator with Computer Data Logging Option

Mechanical Engineering

Fluid Mechanics Continued



Model H-6740 Air Ventilation System Trainer



Model H-6878-CDL Six-Pass Heat Exchanger Demonstrator w/ Computer Data Logging Option



Model H-6990 Tilting Water Channel and Gate









Model H-6540 Water Hydration System (Options shown: H-6540-10 Water Hydraulic Bench, H-6540-15 Bernoulli's Theorem Demonstration Apparatus, H-6540-16 Impact of a Jet Module, and H-6540-17 Calibration of Orifices)

ENGINEERING TRAINING SYSTEMS

Mechanical Engineering Fluid Mechanics Continued



Model H-6940 Multi-Purpose Flume



Model H-6530 Hydraulic Demonstration Channel



Model H-6531 Hydraulic Demonstration Channel



Model H-6523A Sediment Transport Channel Demonstrator



Model H-6510 Drainage and Seepage Tank Demonstrator



Model H-6520 Infiltration Demonstrator

Mechanical Engineering

Heat Mass and Transfer



Model H-6710-CDL Refrigeration Demonstrator with Computer Data Logging Option



Model H-6850-21 Concentric Tube Heat Exchanger



Model H-6870 Cooling Tower Demonstrator, shown with Water Distribution Column #3



Model H-6856 Cross-Flow Heat Exchanger



Model H-6715 Refrigeration Cycle Demonstrator



Model H-6878-CDL Six-Pass Heat Exchanger Demonstrator w/ Computer Data Logging Option



Model H-6882-CDL Convection Heat Transfer Demonstrator with Computer Data Logging Option



Model H-6830 Heat Pump Trainer

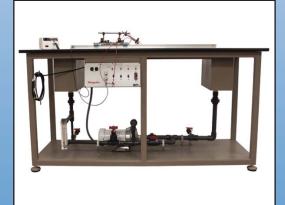
Hampden Engineering Corporation ENGINEERING TRAINING SYSTEMS

Mechanical Engineering

Heat Mass and Transfer Continued



Model H-6860 Conduction Heat Transfer Demonstrator



Model H-6970 Hydrokinetics Demonstrator



Model H-6850-20-CDL Double-Pipe Heat Exchanger (Water to Steam)



Model H-6820-CDL Dual Heat Pump Demonstrator



Model H-6862A Conduction Heat Transfer Demonstrator



Model H-6898 Thermal Radiation Trainer



Model H-6852 Modular Heat Exchange Demonstrator

Mechanical Engineering

Heat Mass and Transfer Continued



Model H-6879-CDL Nucleate Boiling Heat Transfer Demonstrator with Computer Data Logging Option

Model H-6899A Thermal Radiation Demonstrator



Model H-181-100B Steam Boiler Trainer



Model H-6720 Refrigeration Unit



Model H-GTL-1 Geothermal Trainer

Hampden Engineering Corporation ENGINEERING TRAINING SYSTEMS

Mechanical Engineering Heat Mass and Transfer Continued



Model H-CRT-1 Commercial Refrigeration Trainer



Model H-ACT-1 Air Conditioning System Trainer



Model H-ACD-1A-CDL Air Conditioning Demonstrator

Chemical Engineering



Model H-6173 Fractional Distillation System

The Model H-6173 makes educational and industrial experimentation possible in a virtually limitless range—from simple steadystate binary separations to highly sophisticated process dynamics research including column hydraulics and packing

materials. Even bench-scale pilot production runs are feasible with appropriate modifications.

Because of its compact size, relatively large capacity boiler, relatively large condensing tube surface and versatile rapidlymanipulable feed and measurement hardware, this system possesses considerably more flexibility than conventional

laboratory distillation equipment. Changes in operating conditions are quickly effected and column response is rapid. Students, teachers and industrial researchers are able to collect more pertinent data in a shorter time than with conventional equipment and carry exploration into distillation phenomena and processes further and at a lower cost.

The effects of vaporization, condensation and liquid-vapor mixing—relative to the separation of volatile liquid systems by the application of heat—are observed and measured under the dynamic conditions of column operation.

The Model H-6173 requires only water and electrical connections for operation. Because the unit has very rapid response and glass column walls, it is also used effectively in lecture demonstrations. The unit is designed for closed-loop operation with feed and product streams cycled through a common reservoir tank. However, it can be arranged to effectively separate a feedstream with separate distillate and bottoms product.

Hampden Engineering Corporation ENGINEERING TRAINING SYSTEMS

Chemical Engineering Continued



Model H-6150 Liquid-to-Liquid Extraction Demonstrator



Model H-6160 Solid-to-Liquid Extraction Demonstrator



Model H-6290-CDLC Gas/Liquid Tubular Absorption Column with Computer Data Logging & Control



Model H-6252 Modular Chemical Reactor System



Model H-FPST-1 Flame Propagation and Study Trainer



Model H-6140 Double-Effect Evaporator Demonstrator

Chemical Engineering Continued



Model H-IDK-1 Desalination Process Trainer



Model H-6250 Chemical Liquid Reactor Demonstrator



Model H-6260 Chemical Liquid Tubular Reactor Demonstrator



Model H-6271 Mass Transfer and Diffusion Coefficients



Model H-6180 Tray Drier Demonstrator



Model H-6290 Gas/Liquid Absorption Column

ENGINEERING TRAINING SYSTEMS

Chemical Engineering Continued



Model H-ICS-8189-4 Instrumentation & Controls Trainer



Model H-ICS-pHX pH Control Trainer



Model H-ICS-7617 Instrument and Process Control Trainer



Model H-ICS-8189-4ph Instrumentation, Controls & pH Control Trainer



Model H-ICS-pHT pH Process Control Trainer



Model H-ICS-7627 Instrumentation & Controls Program

Civil Engineering

Hydrology



Model H-6535 Hydrostatics Bench



Model H-6925-CDL Fluid Circuit Demonstrator



Model H-6530 Hydraulic Demonstration Channel



Model H-6510 Drainage and Seepage Tank Demonstrator



Model H-6524 Mobile Bed and Flow Visualization Tank Demonstrator

ENGINEERING TRAINING SYSTEMS

Civil Engineering

Hydrology Continued





Model H-6531 Hydraulic Demonstration Channel

Model H-6523A Sediment Transport Channel Demonstrator



Model H-6527 Sedimentation Study Trainer

Model H-6920 Pipe Friction Demonstrator

Model H-6526 Ground Water Flow Tank



Model H-6540

Water Hydration System (Options shown: H-6540-10 Water Hydraulic Bench, H-6540-15 Bernoulli's Theorem Demonstration Apparatus, H-6540-16 Impact of a Jet Module, and H-6540-17 Calibration of Orifices)

Standard Products...Designed

Civil Engineering

Hydrology Continued



Model H-6940 Multi-Purpose Flume



Model H-6950 Flow Measurement Unit



Model H-6960 Laminar Flow Analysis Demonstrator



Model H-6970 Hydrokinetics Demonstrator



Model H-6990 Tilting Water Channel and Gate



Model H-6850 Heat Transfer Unit

to Meet your Growing Needs!

ENGINEERING TRAINING SYSTEMS

Civil Engineering

Air Flow Systems



Model H-6910-12A-CDL Wind Tunnel



Model H-6910-CDL Wind Tunnel



Model H-6910-24-CDL-250 Wind Tunnel (Shown with control unit)



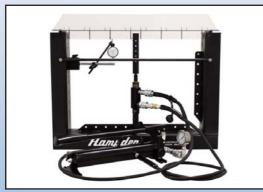
Model H-6640 Air Flow Unit



Model H-6740 Air Ventilation System Trainer

Civil Engineering

Structures



Model H-6320 Structures Test System shown with H-6320-10 plastic truss option



Model H-6320 Structures Test System shown with H-6320-60 crane beam option



Model H-6320 Structures Test System shown with H-6320-71 flat beam assembly option



Model H-6320 Structures Test System shown with H-6320-20 wing-beam with whiffle tree option



Model H-6320 Structures Test System shown with H-6320-70 vertical mounted truss option



Model H-6311 Torsion Test Demonstrator

ENGINEERING TRAINING SYSTEMS

Civil Engineering Structures Continued

A hydraulic tensile testing machine with a screw-type operating cylinder which gives completely smooth and step-less loading. The cylinder is operated by means of a lever which is designed so that only light hand power is required to obtain maximum load. The convenient size and the sturdy structure make the Model H-6310 a highly reliable and risk-free machine. The power is read on a large and clearly visible indicating instrument. The instrument is provided with a maximum-value indicator which shows the power at failure on the test rod.



Model H-6310-20 Hydraulic Tension Testing Machine (Shown with option -20 Brinell Test Piece Set)



Model H-6310-31 Hydraulic Tension Testing Machine (Shown with option -31 Bending Device)



Model H-6310-10 Hydraulic Tension Testing Machine (Shown with option -10 Tensile Test Rod Set)



Model H-6310-30 Hydraulic Tension Testing Machine (Shown with option -30 Recording Device)



Model H-6310-38 Hydraulic Tension Testing Machine (Shown with option -38 PC-Aided Measurement Recording System)



Model H-6310-35 Hydraulic Tension Testing Machine (Shown with option -35 Electronic Force Measurement)



Model H-6310-33 Hydraulic Tension Testing Machine (Shown with option -33 Helical Spring Test)



Model H-6310-34 Hydraulic Tension Testing Machine (Shown with option -34 Disc Spring Test)



Model H-6310-32

Hydraulic Tension Testing

Machine (Shown with option

-32 Large Compression

Plates)

Model H-6310-36 Hydraulic Tension Testing Machine (Shown with option -36 Shear Test)



Model H-6310-37 Hydraulic Tension Testing Machine (Shown with option -37 Deep Draw Test)

Bio Engineering



Model H-BIO-100 Bio Diesel Demonstrator





Model H-6150-TT Table Top Liquid to Liquid Extraction Demonstrator

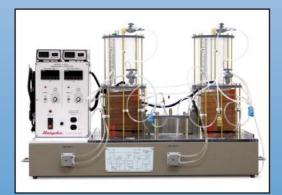
Model H-ETS-1A Ethanol Production Process System



Model H-6252 Modular Chemical Reactor System



Model H-6535 Hydrostatics Bench



Model H-6515 Anaerobic Digester

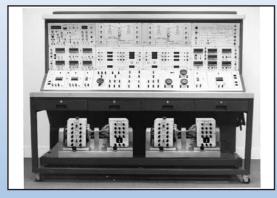


Model H-6518 Aerobic Digester

Hampden Engineering Corporation ENGINEERING TRAINING SYSTEMS

Electrical Engineering

Electrical Mechanics



Model H-EWC-100AX Rotating Machine Mobile Console



Model H-EWC-300AX Rotating Machine Mobile Console



Model HMD-102-CM Hampden Console



Model HMD-100-CM-DA Hampden Console with digital meters



Model WRSC-100 Wound Rotor Speed Controller



Model WRM-100-3A Wound Rotor Motor



Model SM-100-3 Synchronous Machine



Model CSM-100 Capacitor Start Motor

Electrical Engineering

Power Electronics



Model H-VFD-100C Variable Frequency Drive Trainer



Model H-R-SCR-1A Thyristor Circuits Trainer



Model H-R-SCR-2 Power Electronic System



Model H-R-SCR-3 Power Electronics System



Model H-SCR-104 Four-Quadrant DC Speed Controller



Model H-ACVD-100 AC Vector Drive Training System



Model ACC-100 AC Controller



Model DCC-100 DC Controller



Model T-100-3A 3 Phase Experimental Transformer

Hampden Engineering Corporation ENGINEERING TRAINING SYSTEMS

Electrical Engineering

Smart Grid Systems



Models H-185-2A Advanced Boiler Trainer, H-186-1 Combustion Technology Simulator H-187-1 Turbine/Generator Technology Simulator, and H-188-1 Electrical Generation Fundamentals Trainer



Model H-190-1A Smart Grid Electrical Distribution Trainer



Model H-190-2A Smart Grid Load Monitoring Trainer



Model H-190-3 Smart Grid Electrical Generation Synchronization Trainer



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



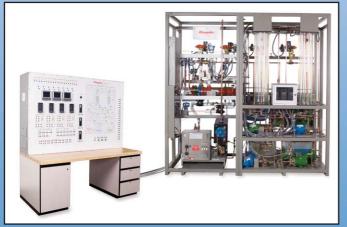
Model H-190-5A Smart Grid Power Shedding and Load Management Trainer

Electrical Engineering

Instrumentation



Model H-ICS-X Series H-ICS-FX Flow Control Trainer, H-ICS-LX Level Control Trainer, H-ICS-PX Pressure Control Trainer, and H-ICS-TX Temperature Control Trainer



Model H-IPPT-3 Industrial Process Plant Trainer





Model H-ICS-FLT Flow/Level Process Control Trainer with PLC



Models H-ICS-8189 Process Control Trainer, H-ICS-8189-4 Instrumentation & Controls Trainer, and H-ICS-8189-4pH Instrumentation, Controls & pH Control Trainer

ENGINEERING TRAINING SYSTEMS

Electrical Engineering

High Voltage



Model H-MHVS-1 Modular High Voltage System

Hampden **Model H-MHVS-1** Modular High Voltage System control panel is used to operate the modular high voltage AC and DC test equipment. The control panel includes the necessary power and test instruments required to run the set-ups.

Parts include:

- Control Panel
- Control Desk
- Voltmeters (3)
- HV Test Meter
- HV Flexible Connector
- Earthing Rod
- Connecting Rod
- Connecting Cup
- Floor Pedestal
- Rectifier
- Impulse Capacitor
- Measuring Resistor

- Charging Resistor
- Wavefront Resistor
- Wavetail Resistor
- Earthing Switch
- Voltage Divider
- Insulating Rod
- Spheregap
- Electrical Drive for Sphere Gap
- Electrodes (4)
- Voltage Dividers (2)
- Low Voltage Dividers
- Trigger Divider

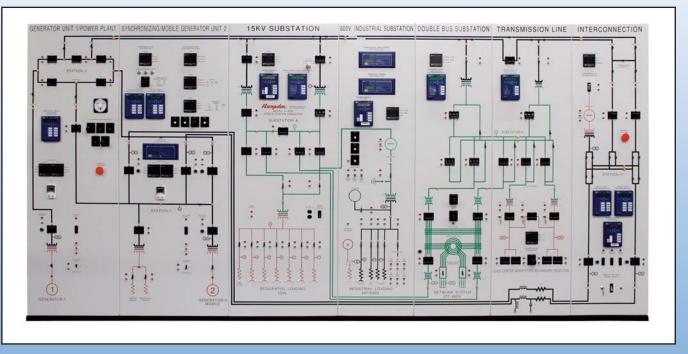
- Electronic Triggersphere
- Spacer Tube
- DC Load Resistor
- Measuring Sphere Gap
- Oil Testing Cup
- Cascade Connection Set
- Component Stand
- Safety Cage
- Vessel for Vacuum and Pressure with Pump and Compressor
- Corona Cage
- Standard Capacitor
- Coupling Capacitors (2).



ENGINEERING TRAINING SYSTEMS

Electrical Engineering

Power System Simulator



Model H-180A Power System Simulator

The intent of the Power System Simulator is to incorporate all the aspects of a power system from generation and interconnection through transmission to distribution. Three distinct levels of voltage shall be utilized. The 208* or

 220^{\star} volt level will be used for interconnection and generation, as well as for residential and network voltages,

380* volts will be used by the distribution and industrial levels and 600* volts will be used for the transmission levels.

* These voltages are adapted to the voltage at the end user's site.

The insertion of all faults will be done by the instructor at the instructor's computer.

Section 1 – GENERATOR UNIT-1/POWER PLANT shall contain facilities for generation and a substation incorporating the generation and power transmission.

Section – 2 SYNCHRONIZING & GENERATOR UNIT-2 (Mobile) shall contain facilities for synchronization and generation and a station incorporating the generation and power transmission.

Section 3-15 KV SUBSTATION shall incorporate a distribution sub-station and distribution functions covering residential distribution.

Section 5 – DOUBLE BUS SUBSTATION & Section 6 – TRANSMISSION LINES shall incorporate a double bus distribution sub-station, a network system and a selective secondary distribution load center.

Section 6 – **TRANSMISSION LINES** in addition to the double buss distribution sub-station, shall incorporate the line settings for two transmission lines.

Section 7 – **INTERCONNECTION** shall incorporate facilities for inter-connection with a separate power system (in the case of this power system simulator, it would be a local power company) and shall contain facilities for generation and a substation incorporating the generation and power transmission.

Electrical Engineering

Power Plant System





Model H-181A Steam Power Plant System (Boiler Trainer)

The primary function of the Hampden Model H-181A Steam Power Plant System (Boiler Trainer) is to demonstrate to the student how a boiler makes steam for power generation. This model features full-function automatic controls at all points in the process. The Hampden Steam Power Plant System (Boiler Trainer) consists of a control bench. Equipment behind the bench, such as the boiler, condenser, turbine, alternator, etc., is shown silkscreened on the lower section of the panel. All interconnecting piping is also shown so that the entire system is graphically represented. All pressure and temperature gauges are shown graphically where they appear in the system so that the student can monitor the readings of the gauges and know exactly where in the system these readings are being taken.

Control Bench

The control bench panel includes all the controls and monitoring devices to opperate the boiler system. Included are (2) two touch screen computer stations that fully monitor the boiler system and allow for data logging.

Boiler and Steam/Condensate

Contains the trip indicator lights, alarm indicator lights, chart recorder, virtual meters, manual/automatic controller, and control switches.

The manual/automatic controllers provided are as follows: Steam Pressure Control System, Furnace Pressure, Control System, Drum Level Control System, Level Control System, Transmitters, Chart Recorders\Alarm and Trip Indicator System, Manual Controls, Meters and Gauges - (Virtual)

Turbine

Contains the controls for the turbine. Mounted on this section are the following: Tachometer - (Virtual), Temperature Gauges - (Virtual), Pressure Gauges -(Virtual), Turbine Speed Control System

Alternator

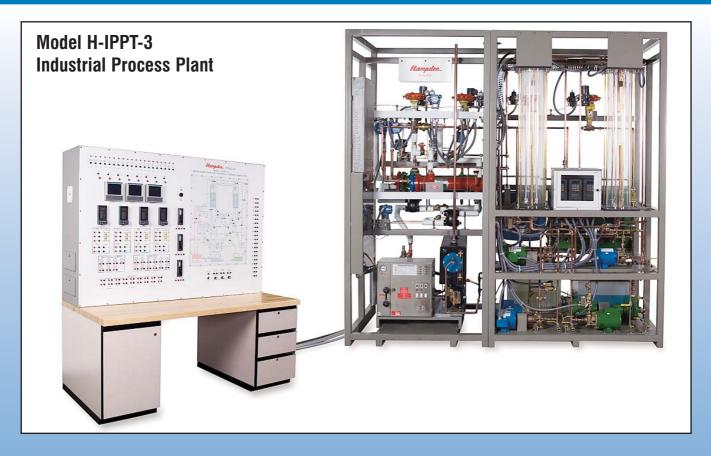
Contains the controls for the alternator. Mounted on this section are the following: Main AC Monitoring System - (Virtual), Alternator Monitoring System - (Virtual), Alternator Output - (Virtual), Line Synchronizing System

Boiler - The boiler is a Columbia providing 500 lbs. of steam per hour at 150 psig. It includes a condensate return tank, blowdown separator, necessary fans, valves, dampers, pumps, etc. for a functional operating system.

Turbine - The turbine is equal to a Carling 16A, Class 1.

Alternator - The alternator is designed to interface with the turbine.

ENGINEERING TRAINING SYSTEMS



The Hampden **Model H-IPPT-3** Industrial Process Plant 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.

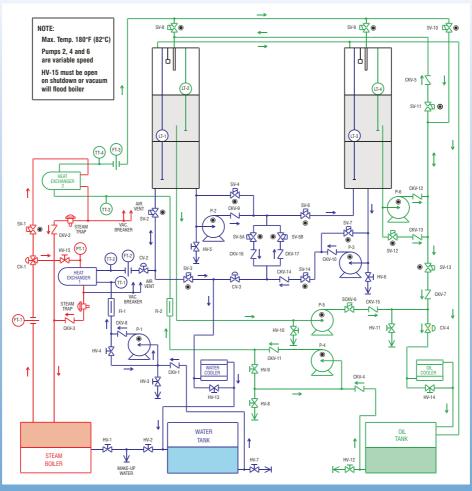
The Hampden **Model H-IPPT-3** is comprised of two sections. The Control Section contains all control equipment, remote control interface and a complete tri-colored graphic representation of the pilot plant.

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.

The Process Plant is factory assembled and is supplied with a pair of transparent towers, two storage tanks, circulating pumps, four heat exchangers, a low-pressure steam generating boiler and all necessary hand valves together with its copper and applicable transparent piping. It 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.

Equipment Supplied

- Electric boiler
- Steam heat exchangers
- Air heat exchangers
- Microprocessor-based controllers
- Recorders
- Temperature transmitters
- Differential pressure transmitters
- Pressure transmitter
- Level transmitters
- Control valves
- Auto/manual stations
- Interconnecting cords



Model H-IPPT-3 Industrial Process Plant - Continued

H-IPPT-3 Flow Diagram

Optional Equipment

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

Services Required

Electrical—

208/120V. AC-3Ø-60Hz-100A for electric steam boiler and water chiller (other voltages available)

Air—

1/4" line, clean dry instrument air, 60-100 psig

Water-

1/2" line - drain (customer connection),

1/2" line - boiler make-up

DATA ACQUISITION

ampden provides the widest array of experimental and educational training equipment available today. Students around the world use our products to extend their classroom knowledge into a real world, hands-on environment.

Today's standard industrial and laboratory procedures have evolved to include automated monitoring as well as computer control of virtually every process. To simulate this modern apparatus within a laboratory, typical stand-alone experiment equipment must be updated in order to allow for computer linking. This is accomplished by replacing the typical analog gauges, meters and sensors with digital products; such as special thermocouples and microprocessor-based controllers. The next step to acquiring data via computer is to add the acquisition modules. Modules mounted on the demonstrator are connected to the laptop computer via a cable. The easiest interface for your lab!



Complete Computer Data Logging Solutions for Any Type of Equipment!... LabVIEW™ Compatible...



Hampden's **Model H-LTCS**—Pentium based laptop computer system is selected, tested and configured to perform with your CDL equipment.

The Right Stuff...

Hampden offers the planning and implementation of complete data acquisition solutions for the training of engineering students. Our engineers and technicians use only the best components and materials available and make sure that a complete approach is mapped out for all our CDL products. We include templates for LabVIEW[™] control software with most CDL packages. In short, the right combination of hardware, software and courseware is your assurance that your new Hampden built equipment will provide maximum performance right from the start.



Connections of 4-20mA/0-5V DC Input

PROCESS Convert to digital signal by using National Instruments modules

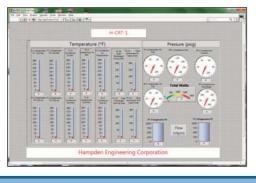


Graphic display of readings on monitor

EXPAND ANY ENGINEERING TRAINING EQUIPMENT WITH DATA ACQUISITION

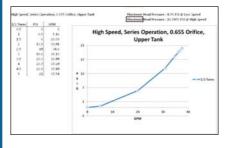


The Hampden **Model H-CRT-1-CDL** Commercial Refrigeration Trainer contains two evaporators, which may be operated singly or in parallel. Three types of liquid control devices are included: capillary tube, thermostatic expansion valve, and an automatic expansion valve. Sight glasses at the inlet and outlet of the evaporators and condenser allow students to monitor the changes in refrigerant state.

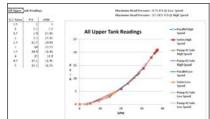




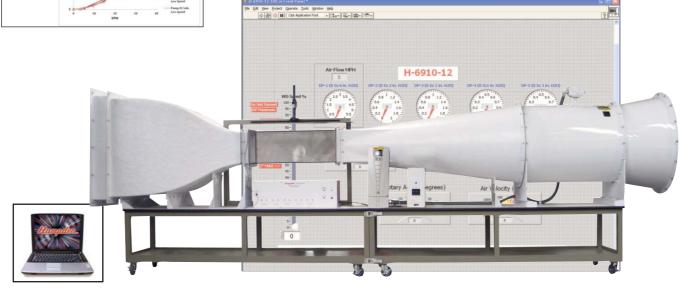
The Hampden **Model H-6925-CDL** Fluid Circuit Demonstrator provides complete facilities for the investigation of the phenomena associated with incompressible fluid flow in conduits. The analog outputs are factory



wired to National Instruments I/O modules where the signals are converted and terminate to a USB receptacle. Templates for LabVIEW[™] control software are included.



The Hampden **Model H-6910-12A-CDL** Wind Tunnel has been designed to provide the fundamental air flow facilities and provide full visibility of test sections. The trainer is fully instrumented for static and dynamic pressure. This model features five differential pressure transducers, one air velocity transmitter, one rotary transducer, lift/drag input, and one fan speed. Templates for LabVIEW[™] control software are included.



ENGINEERING TRAINING SYSTEMS Look to Hampden for Your Engineering Training Needs!

Since 1954 Hampden Engineering Corporation has been the foremost designer and manufacturer of engineering apparatus in the electrical, mechanical, chemical, civil, industrial, agricultural, and engineering technology programs. Hampden provides equipment to the laboratories of nearly all these engineering disciplines.

Hampden's equipment covers the cross spectrum of engineering applications from the very basic devices, through the standard array of demonstration apparatus, to the most complicated simulation and computer data logging systems available. Hampden's equipment uses real world applications in design and functionality in experiments that truly work. Many of Hampden products carry the U/L® label.

Hampden's equipment comes factory assembled, tested, and ready to operate as soon as it is delivered to your engineering lab.

Setup and training on Hampden equipment is available through our staff of engineers and can be done here at our factory or in your laboratory. Please contact us with your specific needs and allow us to work together to provide the best in engineering training equipment for your application. The world-wide popularity of Hampden's training equipment and programs is a result of the extraordinary collaboration between Hampden engineers and technical educators. Hampden does not simply adapt standard products for your specific use; Hampden designs each product for the electrical power characteristics of the educational environment in which it will be used.



Factory and Field Training Available



Factory and Field Training Available



Factory and Field Training Available



Hampden is committed to providing industry-leading technology. For the latest from Hampden, visit our home page at http://www.hampden.com or e-mail us at sales@hampden.com



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