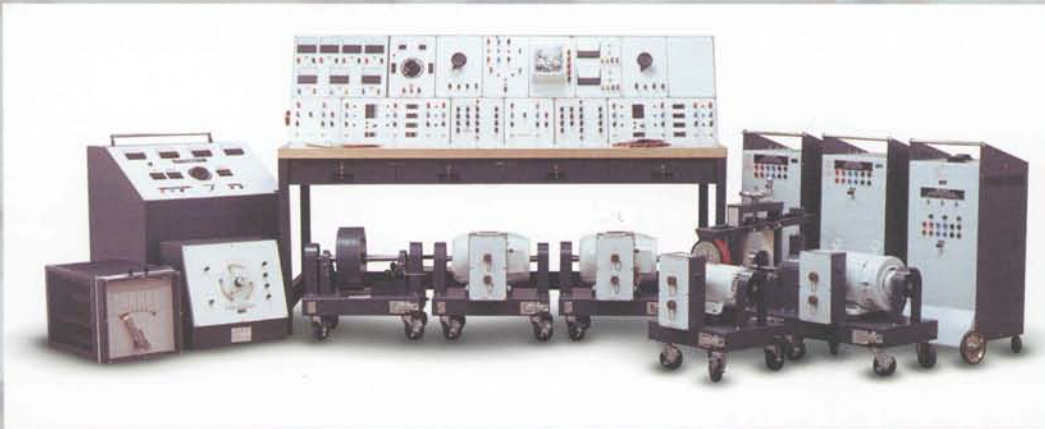
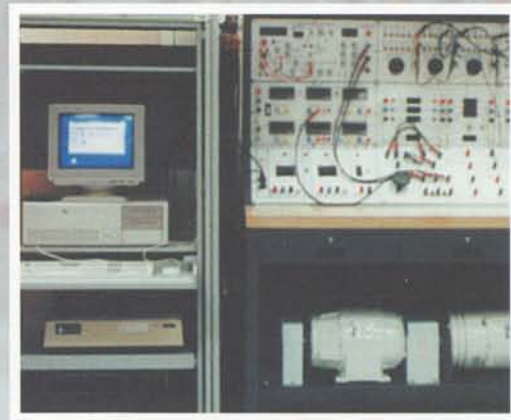


Rotating Machines



Hampden

ENGINEERING CORPORATION



Hampden

ROTATING MACHINES

TO OUR CUSTOMERS:

Hampden Engineering Corporation manufactures a wide variety of Rotating Electrical Machines Programs, from Fractional Horsepower through Integral Horsepower size, configuration to be built-in, module or unitized, depending on customer preference.

All of Hampden's programs are complete with support Instrumentation, Power Supplies and Controls. Automatic Controls and Power Electronics are also available to match each of the systems.

The latest in Computer Control and Data Acquisition can be provided fully integrated with each and every system.

Hampden can provide you with a complete turnkey laboratory for your curriculum or provide individual systems as your institution may require.

Thank you.



SERIES 100 FRACTIONAL HORSEPOWER MOTORS AND MACHINES

The Hampden Series 100 complement of 1/3 horsepower AC and DC motors and generators provide instructors a large measure of flexibility in teaching electrical power technology. The competency-based program produces maximum student involvement, while making optimum use of the instructor's time.



HAMPDEN H-REM-120CM-MP UNIVERSAL LABORATORY MACHINE

The Hampden **MODEL H-REM-120CM-MP** Universal Laboratory Machine has been developed to meet the needs of colleges and universities to balance space and budget restrictions with the need of expanded experimental facilities.

Recently, more emphasis has been placed on the common electromagnetic principles of machines, upon their dynamic performance, and their use in control systems.

This versatile motor/machine station allows instructors to offer training and research on state of the art machine technology in a variety of modes, while conserving laboratory space.



HAMPDEN H-REM-1ACM-MP

One console – that's all you need! The Hampden **H-REM-1ACM-MP** provides all conventional modes of operation of DC all AC motors, generators and alternators in a single mobile configuration.

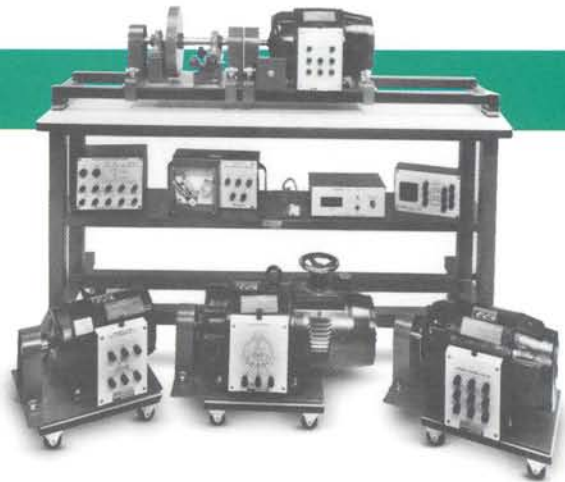
Ideal for use at the secondary through post-graduate level, the comprehensive machine console includes all controls, power supplies, and resistance loads necessary to operate the integral machines in a variety of modes. A full complement of meters is included. The versatility of these machines results in savings, both in space and the cost of multiple machines. Their compact arrangement saves a great deal of time and space in setting up and performing experiments.

SERIES 2 TWO HORSEPOWER MACHINES

The Hampden Series 2 Integral Two Horsepower Rotating Machine System utilizes a modular approach to the study of principles and applications of rotating machines.

The Series 2 system provides practical training for electrical power in a manner, which allows for focusing on specific power and electromechanical topics.

All motors and machines are mounted on a tracking system that allows for quick, secure interconnections on a rugged steel test stand. The Series 2 equipment consists of motors, machines, power supplies and metering appropriately rated for the program, loads and other accessory equipment.

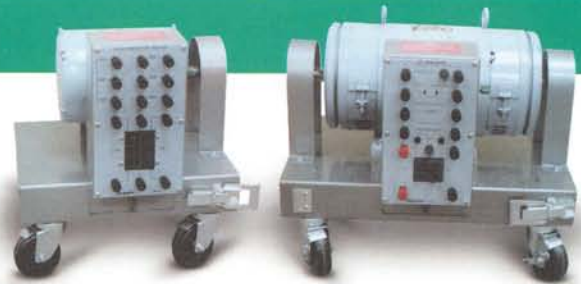


SERIES 300 ROTATING MACHINE SYSTEM

The Hampden Series 300 Three Horsepower machines, controllers, and accessories provide a totally coordinated program for the study of the operating characteristics of large motors and generators. All equipment is designed for compatible electrical and mechanical characteristics.

This provides complete versatility in the selection of machines and accessories for specific training objectives.

All machines have double-ended shafts for fast and convenient coupling. Interconnecting leads plug into heavy-duty binding posts on silk-screened terminal panels.



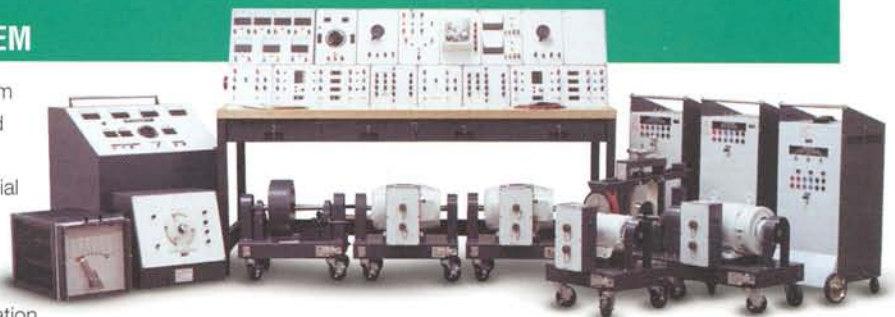
All machines are mounted on mobile bases and are equipped with either motor starter or circuit breaker protection.

SERIES 3 EDUCATIONAL ROTATING MACHINE SYSTEM

The Hampden Series 3 Three Horsepower System utilizes the modular approach for the study of principles and applications of rotating machines.

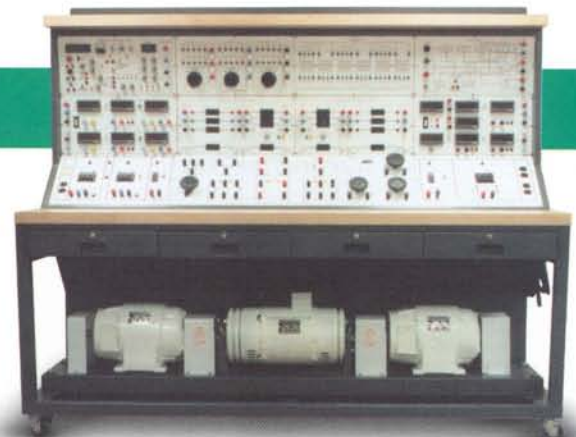
The heart of the Series 3 System is the commercial type integral horsepower motors, generator, and alternator modules, which can be interfaced to the electrical work center.

The electrical work center consists of instrumentation, machine terminals, and circuit modules for control of the Series 3 rotating machines.



HAMPDEN H-EWC-300AX ROTATING MACHINE MOBILE CONSOLE

The Hampden **MODEL H-EWC-300AX** brings all the facilities required for a complete motors study program into one mobile console. Built around the Hampden series of 3HP machines, the console adds full AC/DC metering, VFD and SCR control, resistive, reactive, capacitive and inductive loading and transformers. In addition, the console has an integral computer system to provide remote access to all metering and remote control of all power supplies via a RS-232 link. Complete software and cable are provided.



Take Control of Your Training!

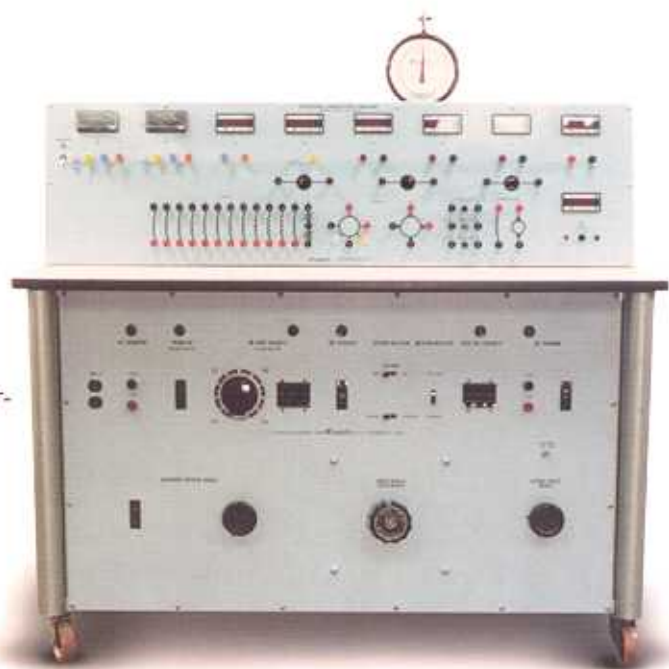
Hampden has YOUR solution for Educational Training Equipment with Computer Data Acquisition,

Hampden has been supplying training equipment with Computer Data Logging (CDL) since the first PC was introduced. We have been expanding and updating our interface ever since to better meet the needs of our customers and to better reflect the ever-changing industry interfaces.

All of Hampden's Rotating Machines training equipment can be expanded to include Computer Data Logging and Computer Control from any PC or Macintosh system. A single data connection brings your new state-of-the-art training system "on-line" in your laboratory,

giving you the maximum training in motors and machines theory and control.

Hampden is the leader in integrating real-world hands-on training with computer data acquisition and control. If you want to be interactive with motor training, choose Hampden.



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