

HAMPDEN EDUCATIONAL ROTATING MACHINE SYSTEMS

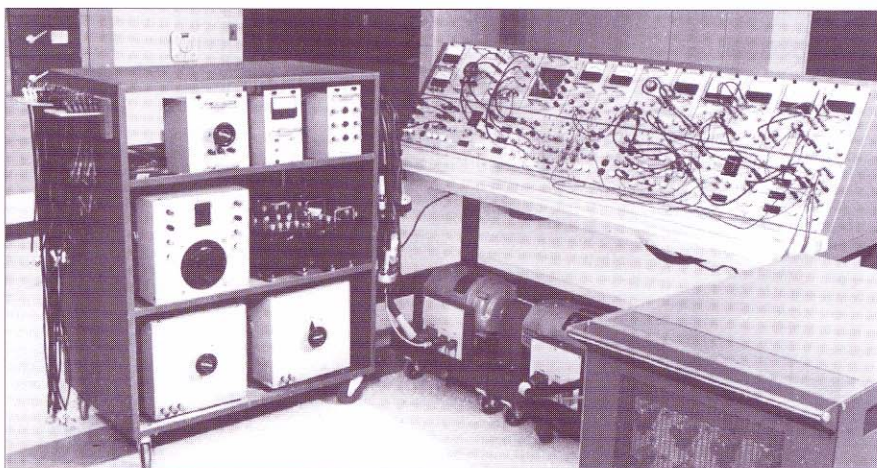
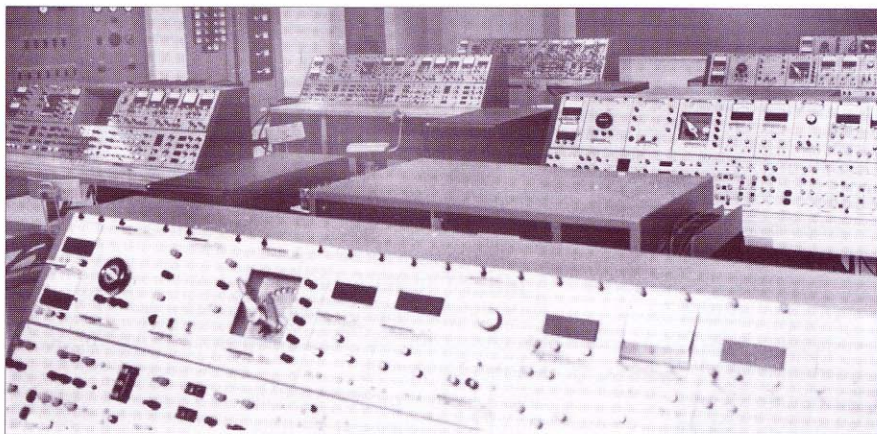
Hampden Educational Rotating Machine Systems Series 3, 3HP System

Purpose

The Hampden Series 3, 3HP System shall utilize the modular approach for the study of principles and applications of rotating machines.

The heart of the Series 3 System are 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 terminal, and circuit modules for control for the Series 3 rotating machines.

The Series 3 System provides the hands-on practical training for electrical power and electromechanical course levels at Vocational, Technical and Engineering curricula.



Hampden® ENGINEERING CORPORATION

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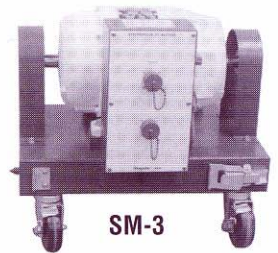
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Series 3 Modular System Components

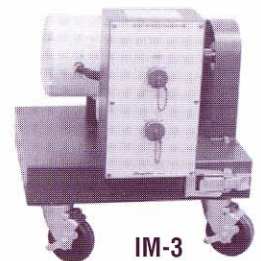
- 1-Hampden H-EWC-3A Electrical Work Center
- 1-Hampden H-ESC-3 Storage Cabinet
- 1-Hampden DM-3 DC Machine with DM Overlay
- 1-Hampden SM-3 Synchronous Machine with SM Overlay
- 1-Hampden IM-3 Squirrel Cage Induction Motor-12 Lead with IM Overlay
- 1-Hampden WRM-3 Wound Rotor Motor with WRM Overlay
- 1-Hampden DYN-3 Dynamometer with DYN Overlay
- 1-Hampden VIL-300 Variable Inertia Load
- 1-Hampden PB-300 Prony Brake
- 1-Hampden ACVA-3/DCVA-3 AC-DC Voltmeter Ammeter Module
- 1-Hampden ACWM-3A Dual Single Phase AC Wattmeter Module
- 1-Hampden SYN/PSI-3 Synchronizing and Phase Sequence Indicator Module
- 1-Hampden H-ACHZ-3 Frequency Module
- 1-Hampden SFR-3A Series Field Rheostat Module
- 1-Hampden SFR-3B Shunt Field Rheostat Module
- 1-Hampden SFR-3C Commutating Field Rheostat Module
- 1-Hampden DC-MS-3 DC Manual Starter Module
- 1-Hampden MS-3-3A Magnetic Starter Module
- 1-Hampden HPT-100A Digital Photo Tachometer with Feedback Module
- 1-Hampden WRSC-3 Wound Rotor Speed Controller
- 1-Hampden DC-ARC-300 DC Armature Controller
- 1-Hampden HMR-NR-12530 125-30 AC-DC Power Supply-Mobile
- 1-Hampden HMRL-4.2 Resistance Load 1 ϕ and 3 ϕ -Mobile
- 1-Hampden HMIL-4.2 Inductance Load 1 ϕ and 3 ϕ -Mobile
- 1-Hampden HMCL-4.2 Capacitance Load 1 ϕ and 3 ϕ -Mobile
- 1-Hampden HD-1204-FE-3 DC Excitation Power Supply Module
- 1-Hampden CS-3 Interconnection Cord Set
- 2-Hampden Couplers
- 1-Hampden Manual Set



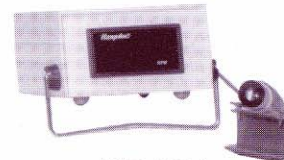
SM-3



WRM-3



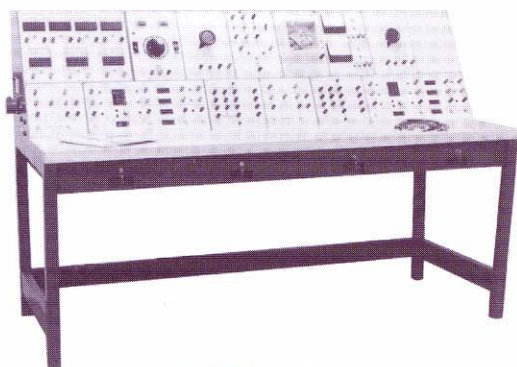
IM-3



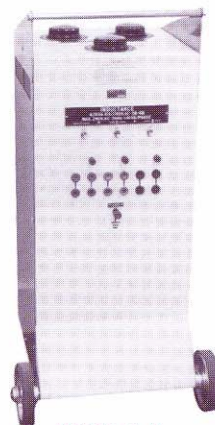
HPT-100 A



WRSC-3



H-EWC-3A



HMCL-4.2
HMRL-4.2
HMIL-4.2 (shown)



HMR-NR-12530

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