

TRANSFORMER LEARNING SYSTEMS



Hampden®
ENGINEERING CORPORATION



Hampden Engineering Corporation

TRANSFORMER LEARNING SYSTEMS

Hampden Transformer Learning Systems are Designed to Fit into Any Level of Study!

Hampden Transformer Learning Systems are the first choice for quality, dependability and functionality. All units are built to provide years of trouble-free service.



■ Model **H-DTT-26** Transformer Lab Kit allows students to make simulated connections to power transformers located on utility poles using miniature hardware. The upper three wires will represent the high voltage line (an optional 4th wire, representing a common neutral is also supplied), the lower three wires (4 wires for some configurations) will represent the service voltages from the transformer to the customer's secondary connections. Low voltage outputs provide a safe environment.

■ Specify

- Model **H-DTT-26** for 3Ø input and
- Model **H-DTT-26-120** for 120V input.

■ Model **H-TTC-PIL-1** Transformer Learning Center provides all the instrumentation, loading, and control apparatus necessary for the analysis of transformer characteristics and circuits. Includes three (3) 1KVA transformers with multiple taps on secondaries. Built-in overload and short-circuit protection.



Educational Training Equipment for the 21st Century



■ Model **H-ET-100** Transformer utilizes a double-wound, multi-tapped, single-phase transformer. Binding taps are protected against overload by toggle-handled circuit breakers.



■ Model **H-TTD-2** Single-Phase Transformer Trainer demonstrates the principles of Lenz's First and Second Laws as applied to transformers. Material covered includes, efficiency, ratios, vectors, open circuit tests and short circuit tests.



■ Model **H-TTD-1** Three-Phase Transformer Trainer Demonstrator includes three (3) double-wound, multi-tapped, single phase transformers. Also includes eight (8) individual diode protected meters and three (3) individual load modules.



■ Model **1290B-6C** Dissectible Transformer is a versatile device for teaching transform principles. The unit consists of a dissectible core and a complement of separate coils. An assortment of core gap spacers are provided for operation as a choke or reactor.

Optional – Model **HC-1290** Case for Dissectible Transformer

All Hampden equipment is available for operation at any voltage or frequency.

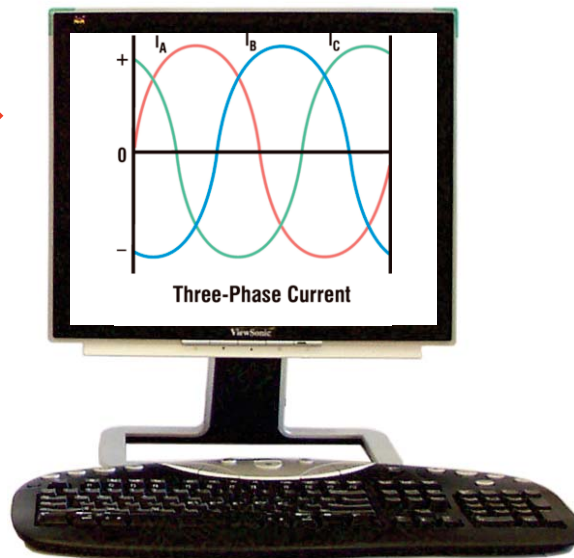
Hampden[®]
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Standard Products...Designed to Meet Your Growing Needs!

EXPAND YOUR CLASSROOM TRANSFORMER TRAINING WITH HAMPDEN'S OPTIONAL INDIVIDUALLY-PACED INSTRUCTION SOFTWARE



Hampden's Individually-Paced Instruction Software **H-IPI-XFMR** is recommended as a comprehensive, instructional tool directing students to work independently, while also freeing the instructor to provide specific guidance wherever needed.



Hampden's **H-IPI-XFMR** Individually-Paced Instruction Software consists of three units. Each unit providing a multimedia introduction with step-by-step tutorials covering all topics.

UNIT 1 – Basic Principles
UNIT 2 – Transformer Computations
UNIT 3 – Polyphase Connections.

Hampden's **H-IPI-XFMR** Individually-Paced Instruction Software typical screen.
Requires a PC compatible computer & Windows® operating system.



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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