

Transformers

Educational Training Equipment for the 21st Century

Bulletin 211-1F

H-TSR-1

Toroidal Saturable Reactor



MODEL H-TSR-1 Toroidal Saturable Reactor
Dimensions: 12½"H x 10¼"W x 8"D
Shipping Weight: 35 lbs.

Purpose

The **Model H-TSR-1** Toroidal Saturable Reactor demonstrates the basic and advanced principles of saturable reactors and magnetic amplifiers.

Features

- Attractive Toroidal design
- Phenolic insulating panel with silk screened legends
- Color-coded 5-way binding posts

Includes

- Two interconnected gate windings, each rated 120V 60Hz
- Two control windings, one is center-tapped, each is rated 0.5 amp DC

Complete With

- Four silicon rectifiers with fuses, each rated 5 amps - 200 PIV
- Power cord (6 ft. long, 3 conductor, #14 wire, with a male plug on one end and two HL-2 lugs and one green ground HP-1PR plug on the other)
- Four Hampden PP-1.5 Patch Cords (1.5 ft. long, #18 wire, with stacking banana plugs on both ends)
- Two Hampden PC-2 Patch Cords (2 ft. long, #18 wire, with banana plug on one end and insulated alligator clip on the other)



MODEL H-TTD-2A Transformer Trainer
Dimensions: 24"H x 23"W x 12"D
Shipping Weight: 250 lbs.

Purpose

The Hampden **MODEL H-TTD-2A** Transformer Trainer demonstrates the principles of Lenz's first and second laws as applied to transformers. Typical material covered includes efficiency, ratios, vectors, open circuit test and short circuit test.

Description

- Portable enclosure
- Transformer, single-phase
- Instruments
- Resistance, Inductance, Capacitance loads, Variable AC power supply
- Digital temperature meter
- Cord set
- Instruction material
- Nine electrical faults

H-TTD-2A

Transformer Trainer

All Hampden units are available for operation at any voltage or frequency

Hampden
ENGINEERING CORPORATION

091922