

## H-6648 Control Interface Module

### Purpose

The Hampden **Model H-6648** Control Interface Module provides the control and computer data logging components for the Hampden **Model H-664** Series table-top trainers.

### Description

The Hampden **Model H-6648** Control Interface Module consists of a main GFI circuit breaker, power switches, receptacles, and National Instruments I/O modules for interfacing with a PC computer. Templates for LabVIEW® control software are included. LabVIEW® software and **Model H-LTCS** laptop computer are included.



**MODEL H-6648** Control Interface Module  
Dimensions: 8-1/2"H x 19"W x 8-1/4"D - Weight: 55 lbs.

### Specifications

#### Module:

- Enclosure – 14-gauge furniture stock steel finished in instrument tan texture
- Panel – 11-gauge furniture stock steel finished in instrument white.

#### Nomenclature:

- Black silk-screen enamel

#### Pilot Light:

- Glowdot, 3-required

#### Protection:

- Ground fault 1-pole GFI circuit breaker.
- Single-pole circuit breaker switches, 2-required

#### Receptacles:

- Power, 2-required
- I/O Interface, Hampden HR-1S Socket Receptacles, 24-required, 1/2 red, 1/2 black
- Thermocouple Receptacle Type T
- USB Receptacle

- Tachometer Receptacles, 2-required

#### Power Supply:

- 24V DC isolated

#### Input Module:

- Sixteen Channels
- Watt Transducer, 2-required
- Tachometer Transducer, 2-required
- Temperature Transducer

#### Power:

- 120V AC 1Ø 60Hz

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

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