

# Mobile Load Carts

Educational Training Equipment for the 21st Century

Bulletin 212-1E

## Purpose

Resistance, capacitance, and inductance loads are a must in every electrical laboratory. They are especially necessary for loading generators, alternators, and transformers during tests and demonstrations. Several units of each type are normally required.

## Description

Hampden Mobile Load Carts have been designed to provide maximum flexibility with units of matching design, with controls conveniently arranged at working height.

Each load cart is provided with 4-ft. extension cords as well as patch cords for making single-phase and three-phase connections; parallel, wye, or delta. Cabinets are heavy-duty steel, finished in baked-on hamertone enamel.

Overall dimensions: 35"H x 15"W x 15"D.



## Resistance Load Cart:

Rated 120V AC per phase. Resistance load is variable from zero to maximum via 15 step switches (five in each phase).

MODEL H-MRL-2	2kW
MODEL H-MRL-3	3kW
MODEL H-MRL-4.2	4.2kW

## Capacitance Load Cart:

Rated 120V AC per phase. Capacitance load is variable from zero to maximum via 15 step switches (five in each phase).

MODEL H-MCL-2	2kVA
MODEL H-MCL-3	3kVA
MODEL H-MCL-4.2	4.2kVA



## Inductance Load Cart:

Rated 120V AC per phase. Inductance load is continuously variable from zero to maximum via three control knobs (one each phase).

MODEL H-MIL-2	2kVA
MODEL H-MIL-3	3kVA
MODEL H-MIL-4.2	4.2kVA



Hampden Mobile Load Carts can be combined into one unit.



Example shown:  
HLB-RCI-2 Resistance, Capacitance  
Inductance Load Cart

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

**Hampden**  
ENGINEERING CORPORATION

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