

# Water Treatment Trainer

Educational Training Equipment for the 21st Century

Bulletin 652-7A

## H-6527

### Sedimentation Study Trainer

#### Purpose

The Hampden **Model H-6527** Sedimentation Study Trainer has been developed to investigate the physical processes of sedimentation. The student will be able to evaluate and measure the particles as to height, size and settling rates for making up the sedimentation curve.

#### Description

The Hampden **Model H-6527** Sedimentation Study Trainer consists of a metal frame work with an illuminated front panel with silk-screened scaled markings, five vertical mounted glass cylinders, mounting clips, and accessories.

#### Specifications

##### Panel:

1/4" thick Lexan® polycarbonate with five scales silk-screened to the back face of the panel in black. The back face is then finished in translucent white finish for rear illumination.

##### Enclosure:

14-gauge furniture stock steel finished in instrument tan texture.

##### Base:

14-gauge furniture stock steel finished in instrument tan texture. The base shall be provided with four levelers.

##### Cylinders:

Glass, 2" (50 mm) diameter by 39" (1000 mm) with rubber top and bottom plugs, 5-required.

##### Mounting Clips:

Non-corrosive type, 5-required.

##### Illumination:

Fluorescent lamps (3)



**Model H-6527** Sedimentation Study Trainer

Dimensions: 44-1/2"H x 30"W x 18"D, Shipping Weight: 210 lbs.

##### Protection:

1-pole circuit breaker, GFI type.

##### Accessories:

- Stop watch, digital
- Plastic beaker - 2 liter, 3-required
- Soil hydrometers for specific gravity of soil samples in suspension, 11" long (280 mm)
- Hydrometer Jar

##### Accessories Not Supplied:

- Balance Scale
- Sedimentation Samples
- Floccule

#### Services Required

**Electrical** - 120V AC 60Hz

**Water** - Local

- Waste drain or container

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

**Hampden**  
ENGINEERING CORPORATION

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