

# Water Treatment Trainers

Educational Training Equipment for the 21st Century

Bulletin 652-8

## H-6528 Filterability Index Unit

### Purpose

The Hampden **MODEL H-6528** Filterability Index Unit has been developed to investigate filters and how they relate to water treatment. The student will be able to evaluate the operation and principles of filter operation, filtration procedures and the measurement of filterability of suspended sedimentation.

The Hampden **MODEL H-6528** Filterability Index Unit consists of a metal framework, filter module, flowmeter, water manometer, sample vessel and accessories.

### Specifications

**Framework:**

1½" square mechanical steel tubing finished in instrument tan texture.

**Base:**

1½" square mechanical steel tubing finished in instrument tan texture with four levelers.

**Flowmeter:**

0 – 300 ML/min

**Water Manometer:**

Length 500 mm

**Sample Vessel:**

1 Liter

**Sample Vessel:**

Clear cylinder 2<sup>3</sup>/<sub>8</sub>" (60 mm) high by 1½" (38 mm) diameter with two pressure port connectors, filter inlet and filter outlet. The filter shall be constructed for easy filling and cleaning.

**Control:**

Needle Valve

**Accessories:**

- Stop watch, digital
- Stem thermometer
- Plastic beaker – 2 Liter
- Plastic measuring cylinder – 100 ml
- Interconnection tubing

**Accessories Not Supplied:**

- Balance Scale
- Floccule
- Samples

**Mechanical Services:**

- Water
- Waste drain or container

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

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