

Hydrology Demonstrators

Educational Training Equipment for the 21st Century

Bulletin 652A

H-6520 Infiltration Demonstrator

Purpose

The Hampden **Model H-6520** Infiltration Demonstrator investigates the infiltration rates of different soil types and soil surface treatments.

Description

This unit consists of a table top base and panel assembly, sump tank tray, three glass cylinders, upper and lower bracket assembly and a graduated beaker.

Specifications

Glass Cylinders:

Pyrex® heavy wall (6.4mm) tube 4" ID (101.6mm) by approximately 24" (609mm) long.

A 0–500mm graduated scale is provided on each cylinder.

Mounting Brackets:

Upper bracket is ½" (12.7mm) thick Spaldite finished in instrument tan texture.

Lower bracket is 2" (50.8mm) thick Spaldite finished in instrument tan texture. Incorporated in the lower bracket are three removable perforated plate assemblies designed for easy removal. Each plate incorporates a 40" x 40" copper mesh screen.

A breather is incorporated within the assembly.

Accessories:

- Graduated beaker, 1000mL
- Spare perforated plate
- Spare hardware set
- 3 - 40" x 40" copper mesh screen
- 1 - breather tube
- 1 - "O" ring

Components Not Supplied:

- Soil samples
- Stop watch

Base and Panel:

Code gauge steel base and panel finished in instrument tan texture. The base incorporates adjustable levelers.

Sump Tank Tray:

Code gauge stainless steel finished in instrument tan texture on the outside.

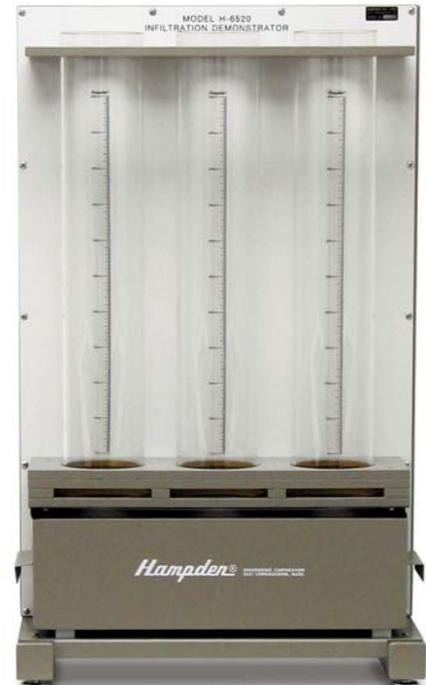
Dimensions and Weights:

Width: 22" (559mm)
Depth: 16" (406.4mm)
Height: 36" (914.4mm)
Weight: 160 lbs (72kg)
Cu.ft.: 15 (0.5m³)

Services Required

Water:

Supply (fill sump tank)
Waste Drain (drain sump tank)



MODEL H-6520 Infiltration Demonstrator



MODEL H-6520 Accessories

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

Hampden
ENGINEERING CORPORATION