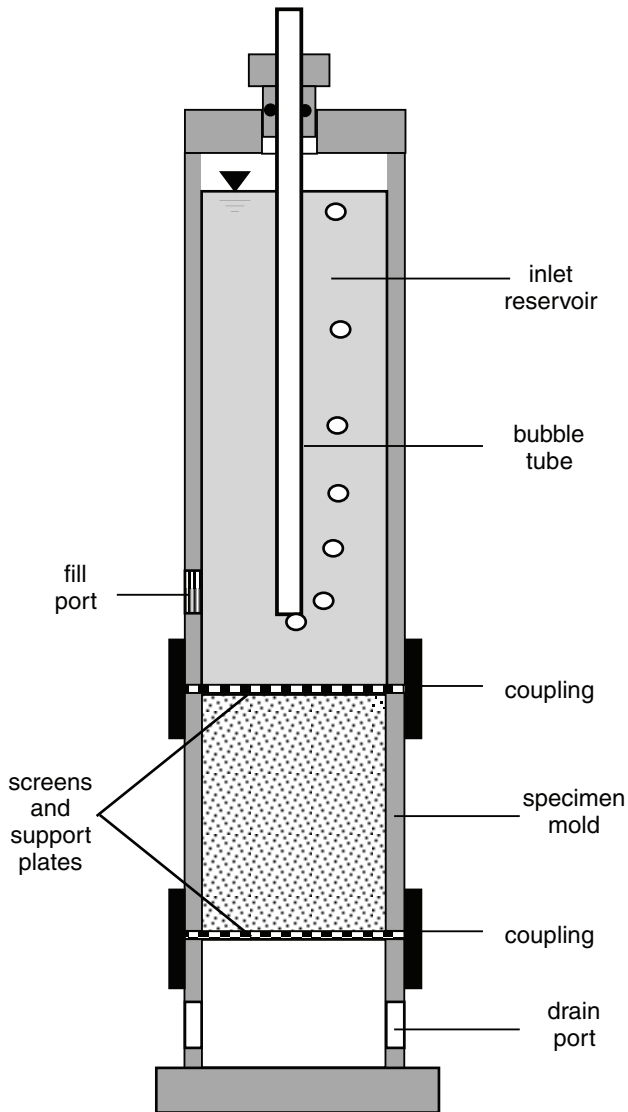


CONSTANT HEAD PERMEAMETER

P400000 SERIES



SPECIFICATIONS

mold diameter: 2.8", 3", 4", and 6" standard

materials: acrylic, brass, and stainless steel

size and weight: 2.8" - 7 lbs. 30" high x 5" diameter
4" - 14 lbs. 36" high x 6.5" diameter
6" - 18 lbs. 36" high x 8.5" diameter

The **P400000** series **CONSTANT HEAD PERMEAMETERS** are designed for measuring hydraulic conductivity of coarse grain soils, i.e., silts, sands, and gravels.

TRAUTWEIN CONSTANT HEAD PERMEAMETERS offer several important improvements over traditional devices.

First, head loss problems are eliminated by use of an inlet reservoir that sits directly on top of the specimen mold. The diameter of the inlet reservoir equals that of the specimen mold; hence, permeant flows directly into the specimen without having to pass through valves, fittings, or tubing.

Second, the gradient imposed across the test specimen is controlled with a bubble tube. The bubble tube design allows for convenient and precise positioning for accurate head settings.

Third, attention to design details allows for convenient clamping of the specimen mold, screens, and supporting plates.

The versatile design of the **CONSTANT HEAD PERMEAMETER** makes it possible to perform constant head tests, falling head tests, and falling head - rising tail tests.

CONSTANT HEAD PERMEAMETERS of various sizes can be supplied. Standard sizes accommodate four-inch and six-inch specimen molds. Also, a permeameter which allows for testing directly in three inch sampling tubes is also available.

Specimen molds are available in acrylic, aluminum, or stainless steel.