



**Shelby Tube Permeameter, 2" — HM-3913**  
**Shelby Tube Permeameter, 2.5" — HM-3914**  
**Shelby Tube Permeameter, 3" — HM-3915**

Allows you to perform permeability tests within a Shelby tube without removing the sample. Ideal for cohesionless materials and sands. It is suggested that the specimen be ejected at test conclusion and examined for voids or large aggregate, which possibly could affect the test results. Two sets of end caps fit over a Shelby tube liner up to 6" long. End caps each contain valve to control flow of permeants through the specimen, along with a porous stone to prevent material from flowing into and clogging the valve. End caps are anodized aluminum. Includes o-rings, connecting rods, clamping knobs, and tubing. Shelby tube not included. Shipping wt. 6 lbs. (2.72kg)



**Compaction Permeameter, 4" — H-4145**  
**Compaction Permeameter, 6" — H-4146**

For determining permeability of clay, sand, and gravel soils. Uses Proctor plasticity compaction method. Two-piece cylindrical mold includes: upper plate with valve; water inlet/outlet; filter base plate; and filter stones. 6"W x 6"D x 12"H. Meets ASTM D5856. Shipping wt. 18 lbs. (8.16kg)



| Replacement Parts            | Model      |
|------------------------------|------------|
| Filter Stone for H-4146      | H-4148X    |
| Porous Stone for H-4146      | H-4148.6   |
| Spring for H-4146 and H-4145 | H-4145.8   |
| Filter Stone for H-4145      | H-4148     |
| Porous Stone for H-4145      | H-4184.100 |

**Constant/Falling Head Permeameters**

For use with granular soils in determining the coefficient of permeability via the constant or falling-head method for laminar flow of water. Compact and portable unit includes manometer tube, scale and permeameter base attached to a platform. Funnel provides adjustable constant head reservoir. Spring incorporated into top cap to apply 5-10 lbs. force against top stone or screen to prevent soil density changes. End caps & clamping ring of anodized aluminum. Each set complete with: permeameter; manometer tube; two funnels; either porous stones or perforated screens depending on diameter, and tubing for connection to water source. Shipping wt. 13 lbs. (5.9kg)

| Permeameter Sets              | Model   |
|-------------------------------|---------|
| 2.5" (63.4mm) Permeameter Set | HM-3891 |
| 3.0" (76mm) Permeameter Set   | HM-3892 |
| 4.5" (114mm) Permeameter Set  | HM-3893 |
| 6" (152mm) Permeameter Set    | HM-3894 |
| 9" (229mm) Permeameter Set    | HM-3895 |