



H-4386
H-4386SM



H-4385



H-4388



H-4387

Resistivity Meter— H-4385

The resistivity meter can be easily used to measure resistivity of soil in-situ using the 2, 3, or 4 electrode method or with the soil box to measure resistivity of soil or water in the range of distilled to sea water. It has a wide range (0.01 ohm to 1.1 megohm) in 8 ranges with 10% overlap. It is fully temperature stabilized over temperature ranges encountered in all field conditions; is insensitive to A.C. or D.C. ground currents; can be used safely in wet ground and comes with (1) 12-volt lantern battery and shoulder carrying strap. Shipping wt. 11 lbs (5kg)

Soil Box, 8.75 x 1.5 x 1.25" (222 x 38 x 32), 280ml capacity— H-4386

Soil Box, Small, 4.375 x 1.125 x 1.5" (111 x 29 x 38), 75ml capacity— H-4386SM

Soil Box Leads, set of 4— H-4387

The soil box is used with the H-4385 resistivity meter for a quick and accurate measurement of resistivity of a soil or water sample in the field or laboratory. Construction is clear plastic with stainless steel current plates and brass potential pins. The dimensions are such that the measured resistivity with the H-4385, when the box is filled level, can be expressed in ohm-centimeter, making calculations unnecessary. The box can also be used with other meters.

Resistivity Test Reel with Soil Pins— H-4388

Four pin, test reel set for attaining 1-20 ft. depth measurements. Can be used with any 4-terminal meter. Uses 4-electrode Wenner method. Includes 4 separate, color-coded wires of varying lengths from 5 to 65 ft. Jumper leads (2-foot) are supplied for connection to meter.

Guelph Permeameter Kit— HSM-2100

The Guelph Permeameter is an easy to use instrument for quickly and accurately measuring in-situ hydraulic conductivity. Accurate evaluation of soil hydraulic conductivity, soil sorptivity, and matrix flux potential can be made in all types of soils. The equipment can be transported, assembled, and operated easily by one person. Measurements can be made in 1/2 to 2 hours, depending on soil type, and require only about 2.5 liters of water. Measurements can be made in the range of 15 to 75 cm below the soil surface. The Guelph Permeameter is a complete kit consisting of the permeameter, field tripod, well auger, well preparation and cleanup tools, collapsible water container, and vacuum test hand pump, all packaged in a durable carrying case. Meets ASTM D5126. Shipping wt. 33 lbs. (14.9 kg)



HSM-2100

Double Ring Infiltrometer— HM-4502

Ideal for field testing, as well as lab use. Two stainless steel rings measure 12 and 24 dia x 20"H (304.8 and 609.6 dia x 508mm). Rings have double thick welded top edge for increased stability when driving into the soil. A mariootte tube provides a constant head of water for flow tests. Graduations on the side of the tube used to determine flow rate. Sealed adjusting tube raises or lowers the head inside the infiltrometer ring. Main flow valve in base platform, bleed valve next to adjusting tube seal. Includes: 1/2" thick (12.7mm) aluminum driving cap with centering pins; two 6" square (152.4mm) neoprene splash guards; and two mariootte tubes with 3,000 ml and 10,000 ml capacities. Meets ASTM D3385. Shipping wt. 160 lbs. (72.5kg)



HM-4502