



Pin-Hole Dispersion Device



## **HM-3930 Pin-Hole Dispersion Device (ASTM D4647):**

This test is used for evaluating clay soils for erodibility by flowing water through a small hole that is drilled through the compacted specimen. Refer to ASTM D4647 for complete information.

Compaction using the Harvard Tamper Rod (H-4165.16 and the pin-hole test cylinder is typical. The test chamber has a unique clamping ring for holding the stainless steel mold to the base while compacting the sample. Included with the chamber are screens, base stand, constant head reservoir, tubing, connections and a tool for drilling the pinhole. The end cap has a pilot hole for drilling the 1.0mm (.040") hole through the sample.

When using the HM-3930, the top screen and inlet sand described in the ASTM spec, are eliminated by having the pin-hole centering guide integral with the head plate.

All aluminum parts are anodized to corrosion resistance.



Pin-hole Dispersion unit shown disassembled.

**ALERT: DO NOT THROW AWAY THE DRILL WITH THE PACKAGING. IT IS TAPED TO CARDBOARD AND LABELED.**

## Warranty

Humboldt Mfg. Co. warrants its products to be free from defects in material or workmanship. The exclusive remedy for this warranty is Humboldt Mfg. Co., factory replacement of any part or parts of such product, for the warranty of this product please refer to Humboldt Mfg. Co. catalog on Terms and Conditions of Sale. The purchaser is responsible for the transportation charges. Humboldt Mfg. Co. shall not be responsible under this warranty if the goods have been improperly maintained, installed, operated or the goods have been altered or modified so as to adversely affect the operation, use performance or durability or so as to change their intended use. The Humboldt Mfg. Co. liability under the warranty contained in this clause is limited to the repair or replacement of defective goods and making good, defective workmanship.

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