



HUMBOLDT HS-4210 Digital, Static Cone Penetrometer



Features include:

- Large, easy-to-read display
- Multiple display units: lbs; tsf, or kg per cm²
- Dual-rod design, which eliminates soil friction
- Correlates to other soil tests



- Handy tool for:
consultants,
contractors,
field inspectors,
public works,
universities,
civil engineers,
technicians
agriculture

Humboldt's HS-4210 Digital, Static Cone Penetrometer (DSCP), with its large, digital readout, makes testing and recording readings easy. The DSCP can be used to evaluate soil consistency by determining the soil's level of compaction and/or the bearing capacity. The DSCP is especially useful in evaluating shallow foundations and pavement subgrades where fine-grained and soft soils are being used.

The DSCP can also be used to aid technicians in quickly selecting sites for testing, as well as correlating with other tests, based on local conditions, such as standard or modified Proctor, CBR or Bearing Capacity.

The DSCP uses a dual-rod design, which eliminates the need to correct for soil friction on the rod as the cone is pushed through the material. Penetration resistance is read directly from the cone tip and registered on the digital display. The Display can be set to read in the following units: lbs; psi; tsf, or kg per cm² and be set or changed before, during or after the test. The display shows a constant reading throughout the test, and a peak hold feature captures the maximum test reading.

The Unit comes with a 30 inch starter rod and a 60° cone with a 1.5cm² area standard. An optional 3cm² cone is available for softer materials; and, 30 inch extension rods are also available for deeper evaluations.

HS-4210
Digital, Static
Cone Penetrometer



Humboldt Mfg. Co.
www.humboldtmfg.com
875 Tollgate Road
Elgin, Illinois 60123 U.S.A.

U.S.A. Toll Free: 1.800.544.7220
Voice: 1.708.468.6300
Fax: 1.708.456.0137
email: hmc@humboldtmfg.com