



HC-2990



HC-2991



HC-2992



HC-2995



HC-2996

### Concrete Encounter for Moisture Testing— HC-2990

The Concrete Encounter is a hand-held electronic moisture meter, which uses non-destructive impedance measurement to determine moisture levels in concrete floor. The Concrete Encounter will give you an instant reading of moisture content to over 6% for concrete and 0-10 comparative for gypsum floor screeds, enabling you to make an informed decision on when to install floor coverings. Designed to be used on clean, dust-free slabs, just switch on and press the instrument firmly against the floor surface. Readings are read directly from the analog meter. Coplanar electrodes with spring-loaded contacts enhance signal depth and sensitivity to a depth of .5" (12.5mm).

### Moisture Meter and Thermo-Hygrometer— HC-2991

Advanced Moisture/Humidity meter measures the moisture content, relative humidity, temperature and dew point of concrete and gypsum flooring. The meter enables you to carry out four individual tests:

- Moisture content of concrete or gypsum flooring
- Relative humidity, temperature and dew point of floor environment
- Below surface, In-situ measurements of Relative humidity, temperature and dew point per ASTM F2170-02
- Relative humidity, temperature and dew point above floor surface using RH hood test method BS 5325-2001 & 8202-2001

Moisture Mode: Measures concrete from 0 to 7% moisture, 0 to 12 (comparative) for anhydride and gypsum screeds and 0 to 100 reference.

Hygrometer Mode/RH Mode: Measures 5 to 98% RH, 14 to 120°F (-10 to 50°C) and 0.1% RH 1°C/F.

Can store 900 readings in 30 files, large LCD display, RS232 port. Power supply is 9 volt PP3 lithium manganese battery. Includes meter, software and PC cable.

### Moisture Meter and Thermo-Hygrometer— HC-2992

Kit includes: a HC-2991 Moisture and Humidity Meter with Software and PC Cable, Two Relative Humidity Probes, RH Probe Calibration Check Solution with Sleeve, Pack of twelve RH Sleeves, and optional instant read Infrared Surface Thermometer. Use to perform ASTM F2170-02 and ASTM F2420-05.

### RH Sleeves, pack of 12— HC-2991.1

### Dyna Pull-off Tester, 1350 lbf (6kN) with Digital Manometer— HC-2995

### Dyna Pull-off Tester, 3600 lbf (16kN) with Digital Manometer— HC-2996

The easily transported, manual DYNA Pull-off Tester determines strength of concrete overlay adhesion and the strength of applied coatings, such as plastics, mortars, plasters, bituminous coats, as well as paint and other coatings. The DYNA Pull-off Tester tests at any measuring point, without requiring specimen preparation. Both models are crank drive, manual units. Adjustable legs optimize measurements for the specific test situation. Units include: digital force gauge with lbf, PSI, kN and N/mm<sup>2</sup> selectable display units, 50 mm diameter test disc, tensile draw bolt, carrying case and instruction manual. Meets ASTM C4541, ACI 503-30, BS 1881 Part 207.

**Note: Electric drive option, which provides a constant, jerk-free load increase is available, please inquire.**

### Test Disks for use with Dyna Pull-off Testers— HC-2995.1

50mm tests disks for use with Dyna Pull-off Testers, set of 10.

### Replacement Draw Bolt— HC-2995.2

Steel replacement draw bolt for Dyna Pull-off Testers.

### Adhesion Tester— HC-2996

The HC-2996 has been specifically designed to measure adhesion strength of coatings on concrete. In use, a 2" (50mm) diameter dolly is bonded to the coating using an adhesive. The operator then uses the wrench to apply a lift force to the dolly. The scale along the side of the unit indicates a numerical value of adhesion expressed in terms of the force required to remove the dolly. Fully portable, the HC-2996 comes in a carrying case, and is ideal for site tests being hand operated so you don't have to worry about a power supply.

### Spare Dollies, Pack of 5— HC-2996.1

### Araldite Epoxy Adhesive— HC-2996.2