

Concrete - Non-destructive testing



Concrete Test Hammer

ASTM C-805.

- ◆ Accurate results to within approx. 15% on 1,250 to 8,500 psi concrete.
- ◆ Calibration curves plot the hammer rebound number versus compressive strength.
- ◆ Lightweight and portable.
- ◆ Carrying case and instructions included.

The Concrete Test Hammer is used as a control and test instrument for measuring the quality and strength of in-place concrete. This quick and inexpensive instrument is not intended as a substitute for control testing of concrete cylinders.

The Concrete Test Hammer is valuable for use in the field for trouble-shooting to determine when test cores are needed and where they should be drilled.

Specifications	
Body.	Includes indicator scale, calibration curves.
Calibration Curves.	Rebound number vs. compressive strength.
Rubbing Stone.	Prepares test surface.
Accuracy.	Within 15%.
Carrying Case.	Plastic.
Weight.	Net 3 lbs. (1.4 kg).

Ordering Information

EI35-1475. With English Calibration Curves.

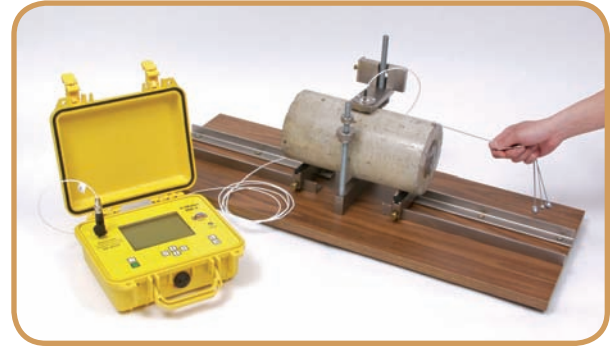
EI35-1480. With Metric Calibration Curves.

Accessories

EI35-1530. Calibration Anvil.

Spare/Replacement Parts

EI35-1475/10. Rubbing Stone.



Resonant Frequency Tester

ASTM C-215, C-666.

- ◆ Conforms to ASTM C-215 and C-666 specifications.
- ◆ Accurate non-destructive method for Young's Modulus of Elasticity, Modulus of Rigidity, Poisson's Ratio and Damping Constant parameters.
- ◆ Accepts specimen sizes up to 6" x 6" x 28" (150 x 150 x 712 mm) long.
- ◆ Semi-automatic feature facilitates the fast identification of resonance.

The principal used in the Resonant Frequency Tester is based upon the determination of the fundamental resonant frequency of vibration of a specimen by a driving oscillator, sensed by an accelerometer and then amplified on a meter.

The system has a semi-automatic feature that eliminates cumbersome manual scanning. Frequencies are automatically scanned in one of four ranges and the maximum amplitude is registered. The unit automatically stops scanning at the beginning of the band containing the resonant frequency.

Ordering Information

EI35-2480/09. 120-240vAC, 50/60 Hz, 1ø.

