H-3195

Freeze-Thaw Specimen Mold— H-3195
For 3 x 4 x 16" (76 x 102 x 406mm) specimens exposed to rapidly repeated freeze-thaw cycles in water or air. Mold is cold-rolled steel with detachable base plate. Meets ASTM C233, C666; AASHTO T157, T161.

H-3185TM

Stainless Steel Sample Positioning Tray— H-3185T

Stainless Steel Sample Positioning Tray with spout— H-3185TS

Replacement Heating Element, Specify 115 or 230V— H-3185SH

Chart Paper for Recording Thermometer— Call, specify model

Pen Replacement Kit, (2) per kit— Call, specify model

H-3176

E-Meter for Flexural Resonance of Concrete— H-3176
The E-Meter can determine flexural resonance of concrete under accelerated freezing and thawing cycles and aggressive environments, conforming to ASTM C-215 and C-666. It determines the resonant frequencies of the three modes of vibration and is the only method of calculating the following material parameters non destructively: such as Youngs Modulus of Elasticity, Modulus of Rigidity, Poissons Ratio and Damping Constant. Frequencies are automatically scanned in one of four ranges. It can handle specimen sizes up to 6 inches (150mm) in cross section and from 1.75 inches (45mm) to 28 inches (700mm) in length.
A semi-automatic feature facilitates the fast identification of resonance.

Oscillator frequency range: 10 Hz to 100 kHz in 4 switched range
Frequency indicator display: 6 digit LED
Gate times: 1 sec. or 10 sec. switch selected, LED indicated
Accuracy: 20 ppm + 1 count over full operating temperature range