



Resonant Frequency Tester

Code: [35-2480/09](#)

Product Group: [Ultrasonic Detection](#)

Conforms to ASTM C-215 and C-666 specifications.

Accurate non-destructive method for Young's Modulus of Elasticity, Modules 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 maximum amplitude is registered. The unit automatically stops scanning at the beginning of the band containing the resonant frequency.

Specification

Power supply 120-240 V, 50/60 Hz