

**Specifications:-**

Designed for lab use, the Resonance Test Gauge (RTG) connects to the customer's Windows device for longitudinal, Flexural and torsional resonance testing of concrete, rock, asphalt and masonry (cylinders, beams and cores). Results can be exported to the Calculations Spreadsheet which automatically determines dynamic properties such as Young's modulus (E), shear modulus (G) and Poisson's ratio (ν) (meets ASTM C215 standard for resonance testing of concrete for dynamic properties and ASTM C666 standard for freeze-thaw durability testing). Unit includes the following: 2 oz. Spherical Head Hammer; Spatula for Adhesive Grease; RTG Device, Jump Drive with RTG Software; Adhesive Grease; Accelerometer, Microdot BNC Cable, Mounting Block; Sponge Rubber Mat for Specimen Support. The RTG system must be used with a Windows 7-10 device running the RTG software.

The computer or tablet is supplied by the user.

- Real-time waveform display while testing
- Automatic frequency calculation
- Full user selection of gain and units
- Sampling Rate: 45,455 samples/second
- Accelerometer Flat Frequency Response Measurement Range: 20,000 Hz
- Number of Samples Acquired Per Test : 1024 samples
- Nyquist Frequency: 22,727 Hz
- Frequency Resolution: 44.39 Hz

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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