

Hung Ta™ Model HT8355V Vertical Rebound Resilience Tester: Description



The Hung Ta™ Vertical Rebound Resilience Tester, commonly referred to as a Bayshore Resiliometer, quickly and accurately measures the "Rubber Property—Resilience by Vertical Rebound" as described in [ASTM D2632](#).

The determination of rebound resilience is accomplished by dropping a plunger of a specific mass and geometry from a predetermined height to the surface of a test specimen and measuring the distance that the plunger rebounds after contact and calculating the ratio of rebound distance to the distance traveled by the mass prior to contacting the test specimen.

This ratio is expressed as a percentage, and since the scale is graduated into 100 equal divisions, this ratio (percentage) may be read directly from the scale when the plunger rebounds to its maximum height.

This instrument is especially useful in developing compounds that are intended to effect the transmission of shock or vibration, as "... *resilience is a function of both the dynamic modulus and the internal friction of a rubber.*" (ASTM D2632 Section 4).

Hung Ta™ Vertical Rebound Resilience Tester Model HT8355V: Features

- Integral leveling feet and "bulls eye" bubble—in—liquid glass level;
- Height adjustable Pass/Fail Gauge;
- Easy—to—read graduated scale, easily adjusts to specimen height;
- Portable, no power required;
- Quality cast frame, stainless steel post and other durable components;
- Rugged vinyl dust cover.

Hung Ta™ Model HT8355V Vertical Rebound Resilience Tester: Specifications & Pricing

Scale:	0—100
Resolution:	1 point increments
Total Height:	500 mm (19.7 inches)
Scale Height:	400 mm (15.75 inches)
Width:	300 mm (11.8 inches)
Depth:	300 mm (11.8 inches)
Specimen Table:	200 x 150 mm (7.9 x 5.9 inches)
Jaw Capacity Height:	90 mm (3.54 inches)
Jaw Capacity Depth:	45 mm (1.77 inches)
Weight:	9.0 kg (19.85 lb.)
Standards:	ASTM D2632
List Price:	Please Submit a Request for Quotation (RFQ)
Certificate of calibration is included.	

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