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MODEL VR-6512

LUPKE REBOUND RESILIENCE TESTER

Outline

The impact resilience coefficient of a sample is obtained by measuring the percentage of the impact force (energy) that is initially applied when the vulcanized rubber is shocked and deformed and then recovered from the deformation. This machine is a device called a Lupke type that has been used most often from the two test methods specified in JIS K6255 (Repulsion test method). The retained iron bar is dropped naturally from a place with a drop height of 100 mm along a circumference with a radius of 2000 mm to give a shock to a cylindrical sample, and the rebound height of the bar is read to measure the impact resilience.



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株式会社 上島製作所

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Features

- It has sufficient robustness and weight to prevent resonance during a test.
- The impacting bar is held by the magnet to secure accurate dropping height.
- Since the impact resilience coefficient is strongly affected by temperature, the temperature around the sample can be adjusted with a heater.(option)
- A level is attached to the equipment, making it possible to check the level at any time.

Specifications

MODEL	VR-6512
Standard	JIS K6255-1996
Impacting Bar	Diameter: 12.50±0.05mm, Length: approx.356mm, Weight: 0.35±0.01kg
Bar Suspension Height	2000mm
Falling Height	100mm
Sample Size	Thickness: 12.5±0.5mm, Diameter: 29.0±0.5mm (cylindrical shape)
Sample Holding Method	Mechanical holder with a spring of 35±5N
Sample Holder Temp.	Between 40 and 120°C controlled by heater (Optional)
Readout of Results	Readout of the resilience scale
Electric Power Required	AC100V 1A 50/60Hz
Outer Dimensions	1252(W) × 400(D, beam: 920) × 2638(H)mm

UESHIMA SEISAKUSHO CO., LTD.

<Manufacturer>

Ueshima

UESHIMA SEISAKUSHO CO., LTD.

6-5-22, Yaho, Kunitachi-shi, Tokyo 186-0011, Japan

TEL. 81-42-572-1397 FAX. 81-42-573-1520

E-mail: sales@ueshima-seisakusho.com

<http://www.ueshima-seisakusho.com>

※Please be noted that the contents in this brochure may change without prior notice due to improvement of the equipment. 027-468714-2