

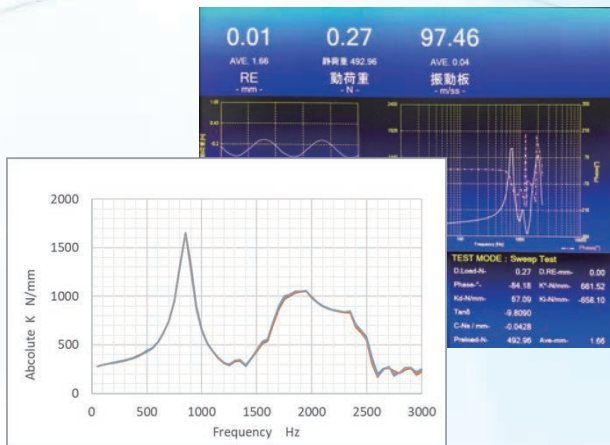
1kHz/3kHz High Frequency Elastomer Test System

DYNAMIC SERVO
SAGInoMIYA

New Release

KCH-701-50 (3kHz)

KCH-701-32 (1kHz)



More Performance

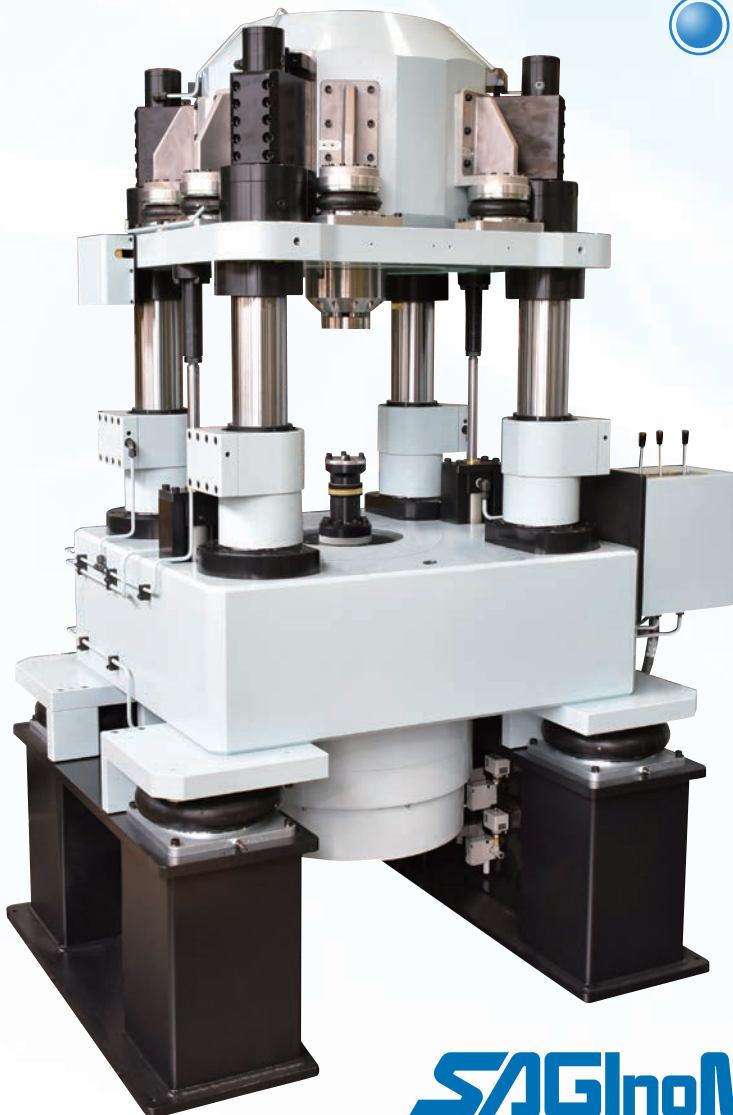
Evolutionary high frequency electro dynamic actuator

More Capability

Static stiffness test and dynamic test Up to 3000Hz

More Feature

Flexible temperature chamber and other special options



SAGInoMIYA

3kHz Elastomer Test System

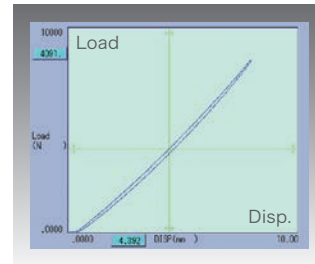
Born with our 40 years of experience as the leading brand of elastomer tester

As vehicle electrification requires higher level of noise and vibration isolation than ever before, verification standards of vehicle rubber products are also getting higher. To verify those products, SAGINOMIYA has released 3kHz elastomer test system. Its original rigid frame, floating mass structure, and unique sensors arrangement performs highly accurate measurement. Operating software includes all our know-how from 40-year experience, which can measure dynamic spring constants, attenuation coefficient, loss tangents needed for elastomer test. Additionally, unique options like flexible temperature chamber / special designed fitting jig are also ready for your specimen. We believe your high frequency test can be supported by SAGINOMIYA.

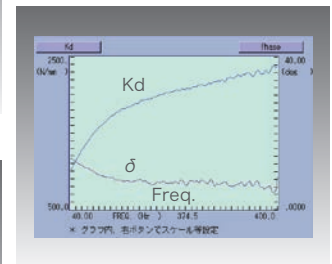
Specifications

Item	KCH-701-32	KCH-701-50
Dynamic force	±15kN	
Pre-load	- 2 to 8kN	
Max. stroke	±20mm	
Max. velocity	1000mm/s	
Max. acceleration	600m/s ²	
Frequency range	D.C.5 to 1kHz	D.C.5 to 3kHz
Cross head	Automatic lock up	

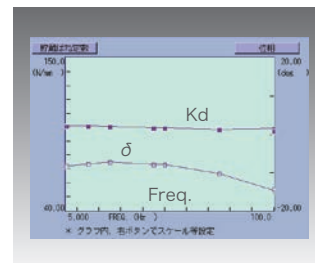
Test Menu (Example)



Static Stiffness Test

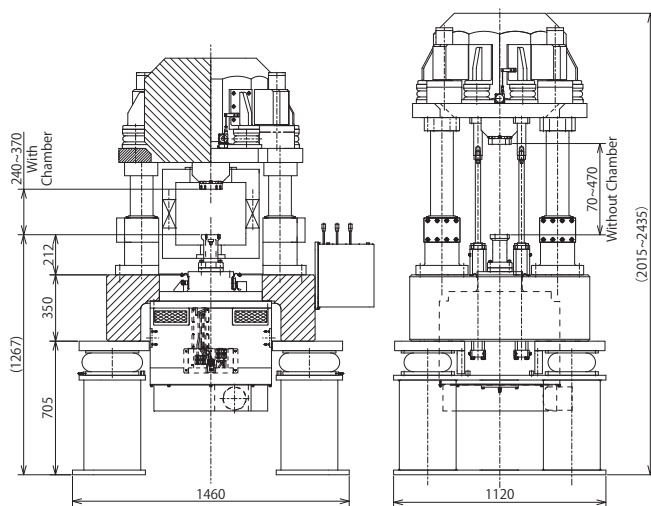


Dynamic Spring Sweep Test



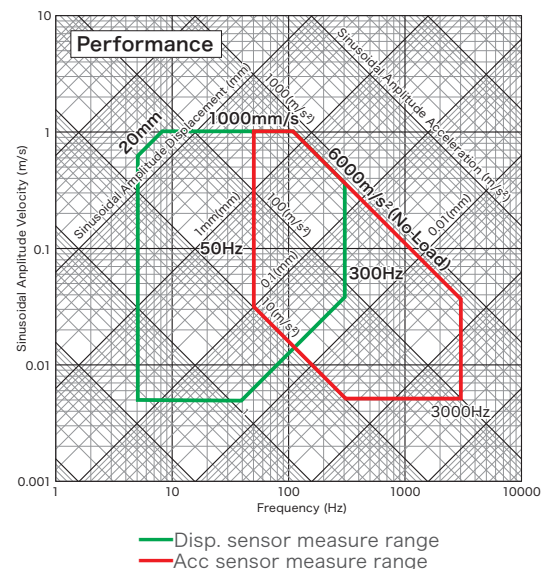
Dynamic Spring Spot Test

Dimensions (3kHz)



Total mass : Approx. 6000kg

Performance Graph (3kHz)



SAGINOMIYA
SEISAKUSHO, INC.

<https://www.saginomiya.co.jp/en/>

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NOTES FOR SAFETY

Failure to read and follow all instruction carefully before installing or operating the product could cause personal injury and/or property damage.

Specifications are subject to change without notice.