

SDL 1400

Torsional Vibration Master

Torsional oscillation up to **1,000 Hz**

RMS

DYNAMIC TEST SYSTEMS



EXTREMELY ACCURATE, STABLE, DYNAMIC AND INDIVIDUALLY TAILOR MADE UPON CLIENT REQUEST

Our motion simulators are test systems specially tailored to your requirements. The RMS 1400 series is designed to test specimens by applying fixed rotation. It is possible to measure gyroscopes, acceleration or rotation speed sensors by using the turntables as high-precision reference.



ADVANTAGES AT A GLANCE

Vibration up to 1,000 Hz

Sinus torsional oscillation $10^\circ / s$ up to 500Hz

Optional measurement technology cage for measurement technology carriers

Environmental simulations possible

Horizontal or vertical use

opt. Frequency measurement window

PERFORMANCE DATA

Angle Speed. [°/s]	0 - 2100
Max Acceleration [°/s]	50.000
Max Torque Continuous [Nm]	23
Payload table beam [kg]	20

DIMENSIONS

Height [mm]	1800 - 2200
Length [mm]	800 - 1400
Wide [mm]	1200 - 1500
Weight [kg]	ca. 700 - 1100
Plate diameter [mm]	100 - 300



ACCURACY

Standard deviation of speed rotation [%]	< 0,002
Ø Stability related to the set value [%]: measured +/- 1500°/s	< 0,001 <± 0,001
Position absolute accuracy	<± 24"
Positioning repeatability	<± 5"

We would also be happy to manufacture individual rotary tables for you.

We look forward to your call or visit our website

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