

SDL2000

Hercules-Synchronism

Thermally decoupled and vibration isolated

Synchronization error < 0,2ppm

RMS

DYNAMIC TEST SYSTEMS



SDL 2000

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HIGHLY PRECISE, STABLE, DYNAMIC AND CUSTOM-MADE ON REQUEST

RMS can shine with almost 60 years of expertise in the field of motion simulators. The SDL2000 series is our front runner when it comes to synchronism. With its decoupled frame, contactless data transmission upon request and its extremely intuitive operation, e.g. rotation speed sensors can be measured as a highly accurate reference using the motion simulators.



ADVANTAGES AT A GLANCE

Synchronism $< 0,02\text{ppm}$

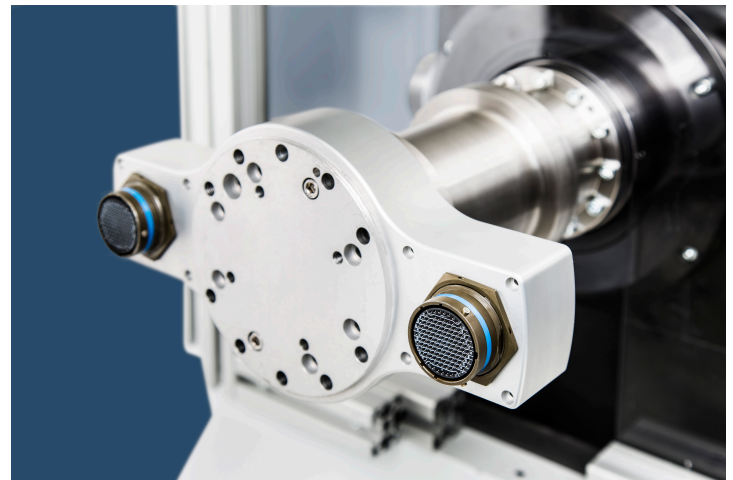
Robust, reliable, modular, contactless data transmission

Thermally and vibrationally decoupled (isolated)

High resolution: values up to 0.00001° can be measured

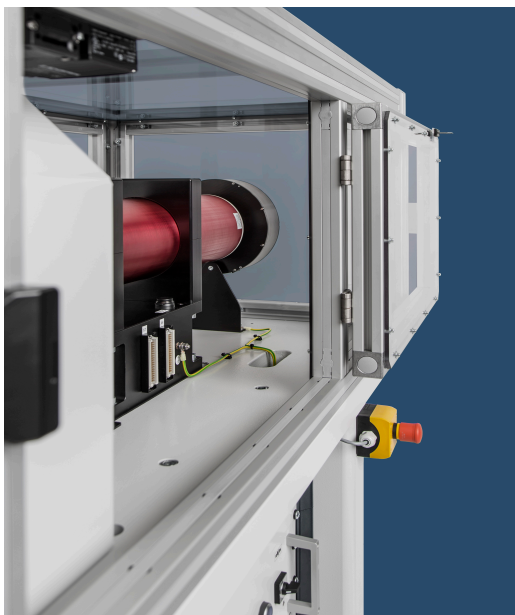
High control quality - very dynamic system

2nd exhibition level optionally available



PERFORMANCE DATA

Rotation rate [$^\circ/\text{s}$]	0 - 2000
Max. Acceleration [$^\circ/\text{s}^2$]	60.000
Max. Torque [Nm]	24
Payload table beam [kg]	20



ACCURACY

Turning speed [%]	$< \pm 0,00002$
Position absolute accuracy	$< \pm 6''$
Position repeatability	$< \pm 2''$
Resolution	
position	$0,00001^\circ$
rate	$0,00001^\circ/\text{s}$
acceleration	$0,00001^\circ/\text{s}^2$

Wir freuen uns auf Ihren Anruf oder Ihren Besuch auf unserer Website.

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