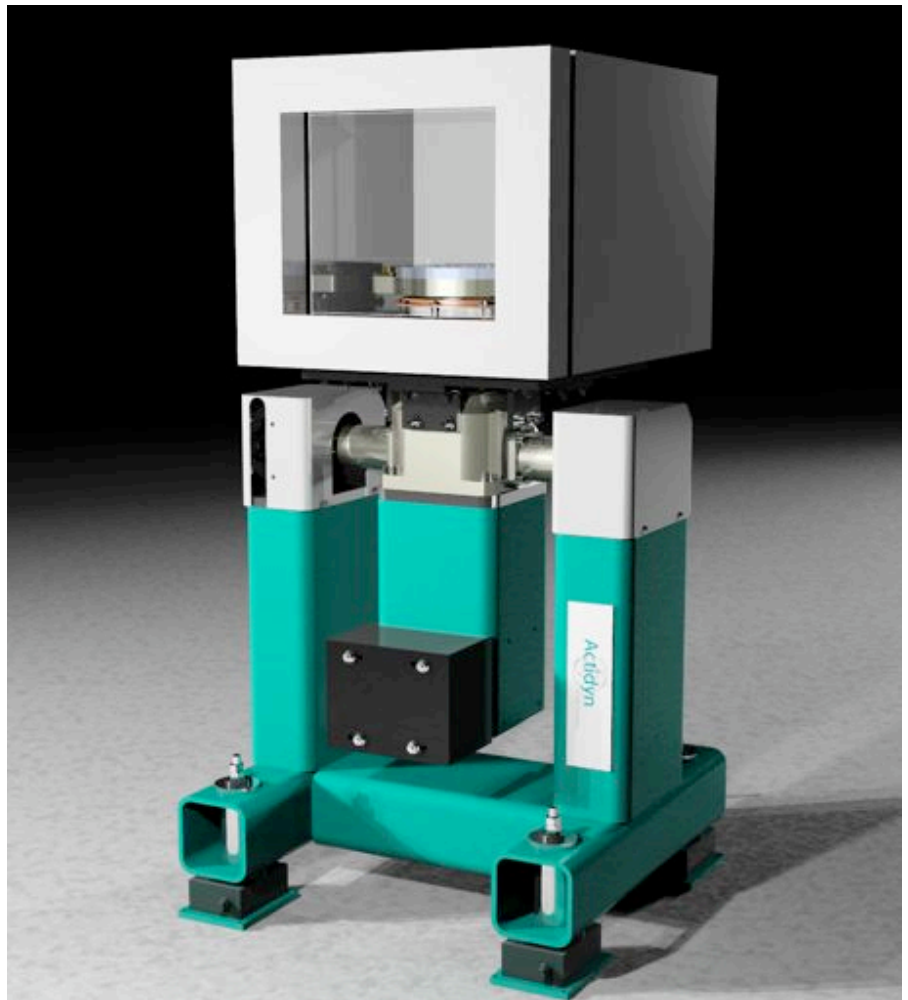


## ST 1300 SERIE

## SINGLE AXIS MOTION TABLE

### Options:

- **Temperature chamber:**  
- 55°C to +185°C
- **Vacuum and climatic chamber:** 1.10<sup>-6</sup> Torr
- **Customized electrical slip-rings**
- **Optical fiber rotary joint and Ethernet network**
- **Fluid rotary joints**



The single axis table series ST 1300 is a high accuracy position rate system mounted on a tilt bench designed for the test and calibration of gyros, accelerometers and inertial guidance systems.

Its brushless technology allows for large servo bandwidth and high dynamic response also does minimize maintenance cost.

## ST 1364

## SPECIFICATION

		Table axis	Tilt axis	Units
<b>Payload</b>				
	Mass (max)	100 (130)		kg
	Diameter	400		mm
	Height	400		mm
<b>Geometry</b>				
	Table top diameter	400	N.S	mm
	Wobble	± 1	N.S	Arc second
	Othogonality	60		Arc second
	Rotation	continuous	± 95	
<b>Position</b>				
	Accuracy	± 1	N.S	Arc second
	Command Increment	0.036	N.S	Arc second
	Repeatability	± 0.2	± 0.2	Arc second
<b>Rate</b>				
	Range	± 2000	N.S	°/s
	Accuracy	± 0.001	N.S	%
	Command increment	0.00001	N.S	°/s
	Stability			%
	Over 360°	0.0001	N.S	%
	Over 10°	0.001	N.S	%
	Over 1°	0.05	N.S	%
<b>Dynamic</b>				
	Peak torque	89	N.S	Nm
	Nominal torque	19	N.S	Nm
	Inertia (no load)	0.19	N.S	m <sup>2</sup> kg
	No load Peak acceleration	26800	N.S	°/s <sup>2</sup>
	Servo bandwidth	> 50	N.S	Hz

### Electrical slip-rings

Alternative optional configuration on demand

30 Channels 2A

### Computer Interfaces

RS232; IEEE 488, Ethernet, High speed Scramnet

**ACTIDYN SYSTEMES ALSO MANUFACTURES THESE EQUIPMENTS TO BETTER SERVE YOU**

