

ST 2400 SERIE

DUAL AXIS MOTION SIMULATOR

Options:

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



The dual axis table serie ST 2400 is a high accuracy position rate system 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 2416 SPECIFICATION

		Inner axis	Outer axis	Units
Payload				
	Mass (max)	40		kg
	Length	445		mm
	Depth	410		mm
	Height	310		mm
Geometry				
	Wobble	± 2	± 4	Arc second
	Othogonality		5	Arc second
	Rotation	continuous	continuous	
Position				
	Accuracy	± 10	± 10	Arc second
	Command Increment	0.036	0.036	Arc second
	Repeatability	± 0.1	± 0.1	Arc second
Rate				
	Range	± 100	± 100	°/s
	Accuracy	± 0.005	± 0.005	%
	Command increment	0.00001	0.00001	°/s
	Stability			%
	Over 360°	0.0005	0.0005	%
	Over 10°	0.005	0.005	%
Dynamic				
	Peak torque	20	40	Nm
	Nominal torque	3	6	Nm
	Inertia (no load)	1	20	m ² kg
	No load Peak acceleration	100	100	°/s ²
	Servo bandwidth	> 20	> 20	Hz
Electrical slip-rings				
	Alternative optional configuration on demand	30 Channels 2A	30 Channels 2A	
Computer Interfaces				
	RS232; IEEE 488, Ethernet, High speed Scramnet			

ACTIDYN SYSTEMES ALSO MANUFACTURES THESE EQUIPMENTS TO BETTER SERVE YOU

