

Electric Servo Torsional Test System

213 SERIES

Slide-Based Torsional Test System

● *Clean*

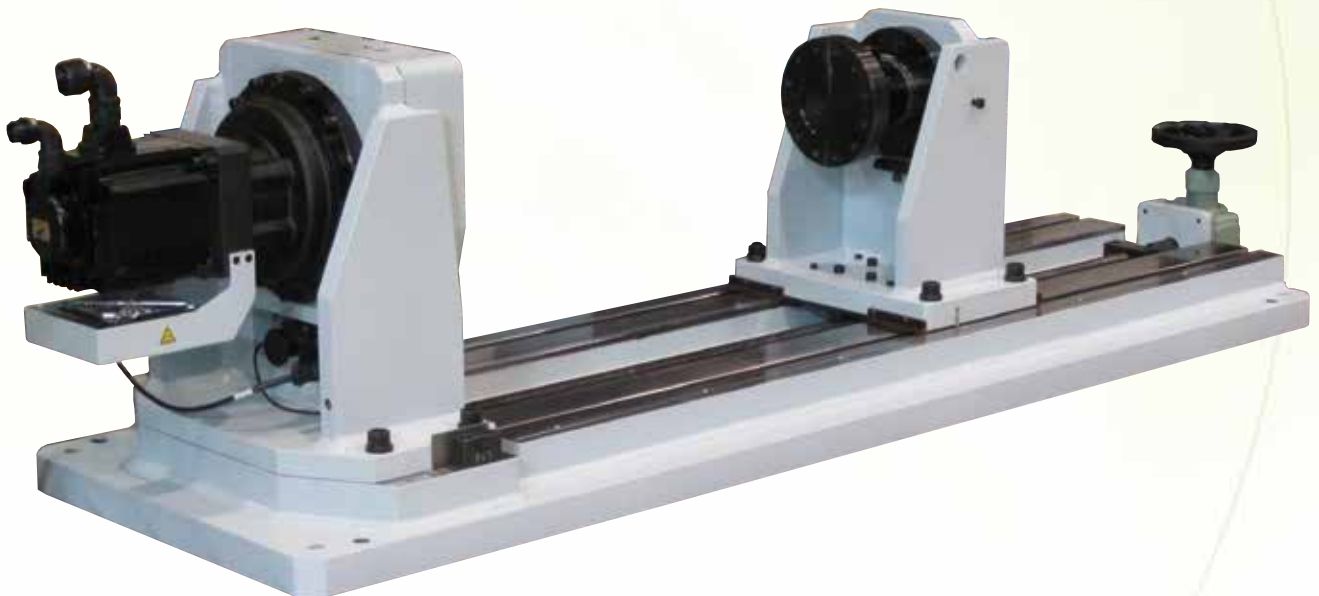
Environmentally friendly, no oil used.

● *Compact*

Greater space efficiency

● *Convenient*

Can perform a high-performance examination by simple operation speedily.



Electric Servo Torsional Test System

An electric rotary actuator is used for repeated torsional fatigue testing.

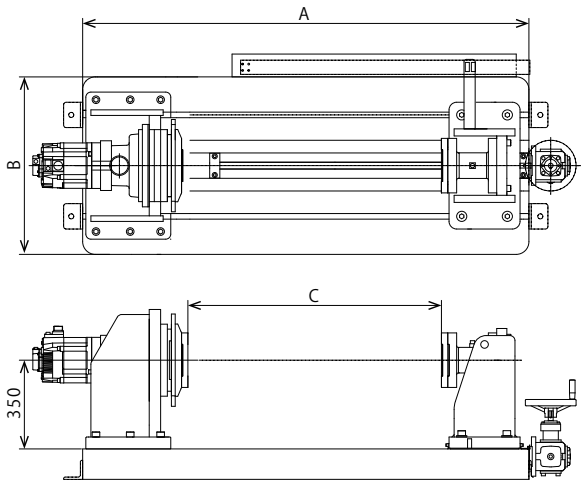
Specifications

Model 213-			010	030	050	100
Sine wave torque	kN·m		±1	±3	±5	±10
Rotation angle	°		±180			
Maximum angle speed	°/s		650	420	210	130
Maximum angle acceleration	°/ss		12000	15000	8000	5000
Frequency	Hz		DC 0.01 ~ 30			
Movement fastening method			Manual			
Weight	kg		1200	1550	1600	2000
Power supply *	ACV, Hz		200 3 Phase, 50/60			
	kVA		11		25	
Distance between flanges	C	mm	0 ~ 1000			
Dimensions	A, B	mm	1800, 600	1800, 700	1900, 850	

* In addition to the above, high speed, high acceleration, high load types are also available. Please contact our sales representative for detailed specifications.

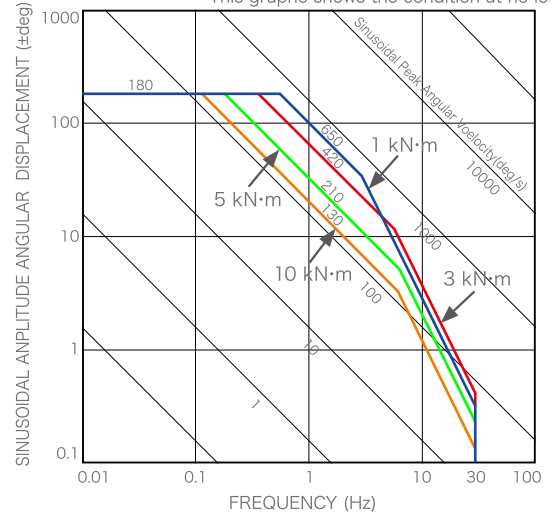
Dimensions

* Refer to the dimensions and specifications above.



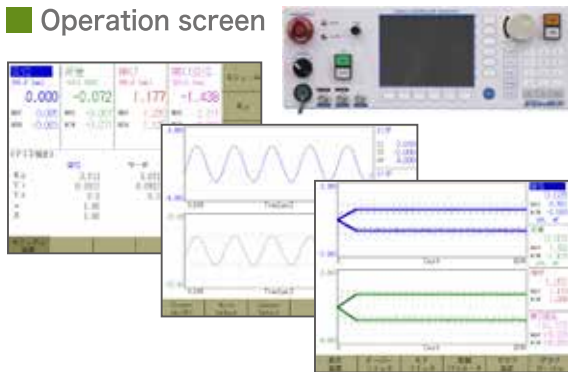
Performance Curve

* This graph shows the condition at no load.



Controller M2430

Operation screen



Controller Specifications

Control Mode	Displacement, load, external signal input (2ch)
Waveform	sine wave, triangular wave, square wave, ramp wave, sweep wave
Schedule Function	Up to 100 steps, up to 2×10^9 repeats (random scheduling standard wave, ramp wave and sweep wave)
Control Range	auto range
Limiter Function	Over limiter, 4-point limiter
Monitor Output	±10V (range settable), 3ch (channel settable), BNC output
Dimensions/ Weight	W420×D380×H149/ 13kg
Power Supply	AC100V 500VA

※ Option: Data analysis software, Chamber.

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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.