

PARAMETER	
Model	MTRS 3200
	Standard
Power Requirements	
Input Voltage *	5 - 18 V DC
Input Current *	<1.5 mA
Performance	
Standard Range Full Scale*	4 Rad/Sec (under 12V Power Supply)
Sensitivity (Scale Factor) **	2.5 V/Rad/Sec
Full Scale Output (Nominal) *	10 V DC (under 12V Power Supply)
Frequency range **	0.02 – 300 Hz
Scale Factor Calibration (at 25°C Typical) **	±6% of value (0.5 dB)
Scale Factor over Temperature (Dev. from 25°C Typical) **	≤0.23%/°C
Rate Random Walk **	5.7×10^{-3} Deg/Sec ² /√Hz, typical
G Sensitivity (Typical) *	0.05 Deg/Sec/G
Start-Up Time (Typical) **	< 30 Sec
Bandwidth (-90°)	< 300 Hz
Non-Linearity (Typical) % Full Range **	≤1.0 %
Output Noise (0,02 to 300 Hz) **	≤0.1 mRad/Sec ² /√Hz
Environmental	
Operating Temperature *	-15°C to +55°C
Storage Temperature *	-15°C to +65°C
Weight *	≤10 grams

* MIPT Laboratory Experimental data

** ARL Penn State Navigation Research & Development Center. Experimental data