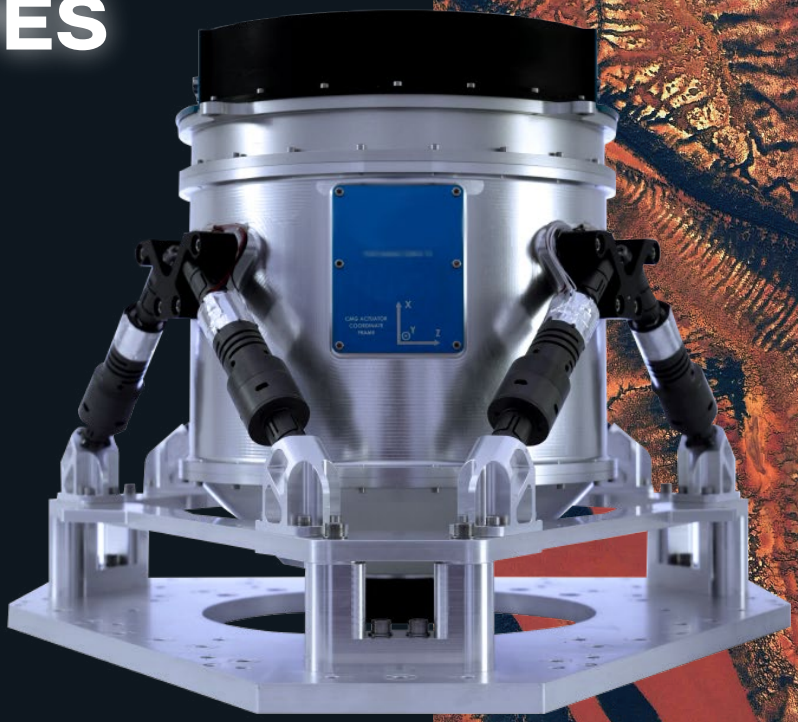
CONTROL MOMENT GYROSCOPES



Our range of control moment gyroscopes (CMGs) are built to provide your spacecraft with the exquisite agility necessary to navigate the most challenging missions.

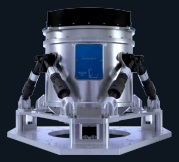
Offering improved torque performance at a lower power consumption than reaction wheels, our CMGs provide low jitter and long-life performance for your mission.

DRIVE CONTROL ELECTRONICS

Flexible interface options include discrete CMG torque and momentum control to fully integrate spacecraft attitude control systems using up to four CMGs.

CONTROL MOMENT GYROSCOPES





	CMG-8	CMG-12
MOMENTUM	8 Nms	12 Nms
TORQUE	8 Nm	12 Nm
GIMBAL AXIS ANGULAR RANGE	Unlimited	Unlimited
MASS (KG)	< 13 kg	< 18 kg
VOLUME (CM)	22 x 22 x 30 cm	34 x 43 x 38 cm
VOLTAGE	22-36 VDC	22-36 VDC
POWER, FULL MOMENTUM	25 W	20 W
POWER, MANEUVER	30 W	35 W
COMMUNICATION	RS-422	
GIMBAL MANEUVERS	> 2 million	

Note: This data is for information only and subject to change. Please contact us for current design data.

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