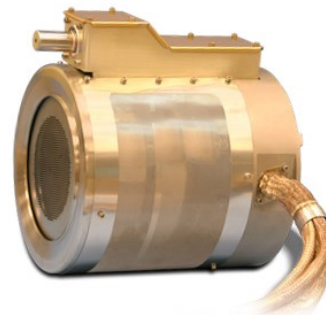


8 cm XENON ION Propulsion System (XIPS)



Stellant has been a world leader in development and production of Thrusters, Xenon Ion Propulsion Systems (XIPS®) for more than fifty years.



KEY FEATURES




- Design based on space qualified and flight-proven heritage ion thruster technology
- Produces thrust 10 times more efficiently than conventional chemical propulsion
- Ideal for small satellite applications
- Reduces spacecraft onboard propellant requirement
- Variable throttle levels (100 W to 300 W)

Thruster Performance Estimates	8 cm
Total Input Power (W)	100 - 350
Thrust (mN)	2 - 14
Specific Impulse (sec)	2000 - 3000
Electrical Efficiency (%)	76
Mass Utilization Efficiency (%)	77
Total Efficiency (%)	53
Weight (kg)	2

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