



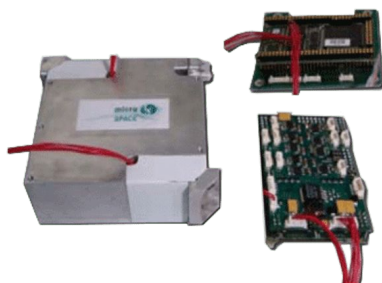
Nanosatellite Micropropulsion System

€81000 - €129000

This MicroSpace MEMS-based Micropropulsion System is suitable for CubeSats of 1 kg up to small microsatellites up to 100kg.

It offers 3-axis stabilization, based on proven, reliable MEMS technology. The setup has been rigorously lab-tested under vacuum conditions and is certified for use in the space environment.

The system is modular and customizable and is already integrated on a number of CubeSats that are ready for flight.



Features

Nominal Thrust	100 μ N to 10mN
Thrust Control	1 to 100%, 1% resolution
Impulse Duration	2ms to unlimited
Specific Impulse	50s – 100s (warm gas option>
Pointing Resolution	0.1 arcsec
Minimum total system mass	300 gram
Maximum required power	2 Watt
Supply Voltage	12 Volt
Operational Temperature	-20°C to +70°C

Features

Available configurations

- 1 axis 1/3U CubeSat Cold-Gas micropropulsion system
- 2 axis 1/3U CubeSat Cold-Gas micropropulsion system
- 1 axis full 1U CubeSat Cold-Gas micropropulsion system
- 2 axis full 1U CubeSat Cold-Gas micropropulsion system
- Other configurations on demand

For more information, please contact us directly.