



MPS-110™ Cold Gas Propulsion System

Overview

MPS-110™ is a scalable 0.5U to 1U cold gas propulsion system that provides primary propulsion for CubeSats. The system is designed for CubeSat customers needing ΔV capabilities for constellation deployment, orbit maintenance, and de-orbit.

Specifications and Performance

- Dimensions: 10cm x 10cm x 11.35cm maximum
- Mass: Varies depending on selected size
- Operational Temperature Range: +5°C to +50°C
- Command Method: Digital or Discreet Analog 5V
- Power Consumption: <10W Startup, <10W Operation
- Operational Voltage: 5V Nominal
- BOL Thrust: TBD
- Minimum Impulse Bit (at blowdown-averaged feed pressure): TBD N-sec per thruster

22 CFR 125.4(b)(13) applicable