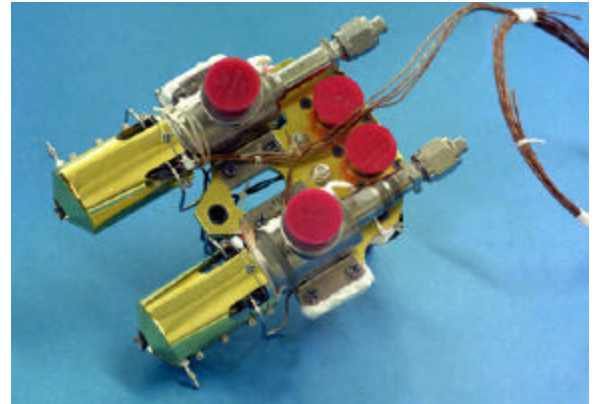


MRE-0.1 Monopropellant Thruster

For satellite attitude and velocity control.

Technical Data

Propellant	Hydrazine
Thrust at maximum operating pressure	0.4 N
Steady state specific impulse at 250 psia inlet pressure	216 seconds
Operating pressure range	70-420 psia
Life (demonstrated)	
• Maximum throughput	34 kg
• Maximum cycles	117,000
Thrust valve power at 28 Vdc	8.5 W
Weight	0.5 kg
Envelope	180 mm x 38 mm



Spacecraft Programs

Chandra X-ray Observatory, DSP, STEP4