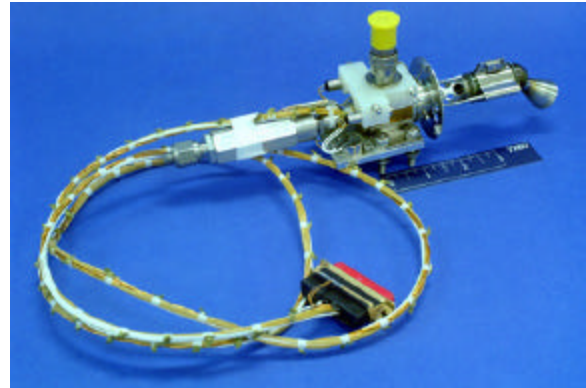


MRE-4.0 Monopropellant Thruster

For satellite attitude and velocity control.

Technical Data

Propellant	Hydrazine
Thrust at maximum operating pressure	18 N at 600 psia
Thrust at 275 psia inlet pressure	9.8 N
Steady state specific impulse at 275 psia inlet pressure	217 sec
Operating pressure range	50-600 psia
Life (demonstrated)	
• Maximum throughput	249 kg
• Maximum cycles	507,000
Thrust valve power at 28 Vdc	30 W
Weight (STM/DTM)	0.5 kg
Envelope (width x length)	61mm x 206mm



Spacecraft Programs

Intelsat III, DSCS III, STEP0, ISEE-C, DSP, Atmos, Explorer