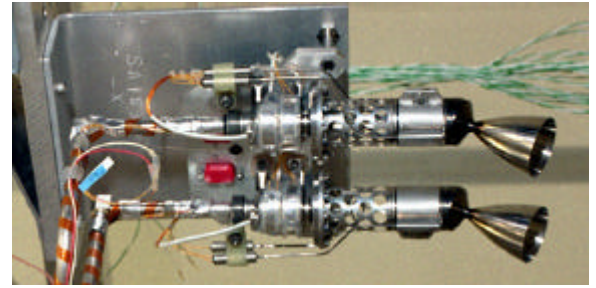


# MRE-5.0 Monopropellant Thruster

For satellite attitude and velocity control.

## Technical Data

Propellant	Hydrazine
Thrust at maximum operating pressure	36 N at 400 psia
Thrust at 275 psia inlet pressure	28 N
Steady state specific impulse at 275 psia inlet pressure	232 sec
Operating pressure range	70-475 psia
Life (demonstrated)	
• Maximum throughput	456 kg
• Maximum cycles	28,512
Thrust valve power at 28 Vdc	30 W
Weight (STM/DTM)	-/1.5 kg
Envelope (width x length)	145mm x 264mm



## Spacecraft Programs

GRO