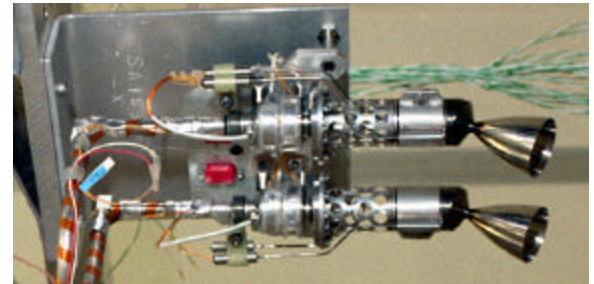


MRE-5.0 Monopropellant Thruster

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)	
<ul style="list-style-type: none"> • Maximum throughput 	456 kg
<ul style="list-style-type: none"> • 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