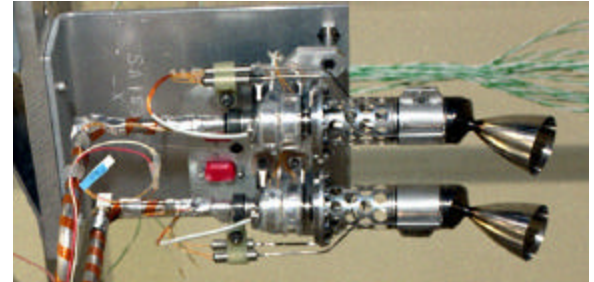


MRE-5.0 Monopropellant Thruster

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