

MRE-15 Monopropellant Thruster

For satellite attitude and velocity control.

Technical Data

Propellant	Hydrazine
Thrust at maximum operating pressure	86 N at 400 psia
Thrust at 275 psia inlet pressure	66 N
Steady state specific impulse at 275 psia inlet pressure	228 sec
Operating pressure range	138-430 psia
Life (demonstrated)	
• Maximum throughput	970 kg
• Maximum cycles	105,561
Thrust valve power at 28 Vdc	72 W
Weight (STM/DTM)	1.1 kg/-
Envelope (width x length)	119mm x 318 mm

