

IHI Aerospace has manufactured and delivered around 800 monopropellant thrusters for rockets and satellites since the start of development in 1964.



*Long lifetime, high reliability, low-price,
ITAR-free (optional)*

1N Thruster (MT-9)

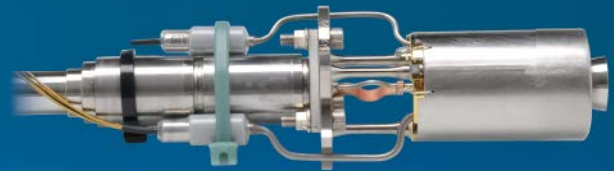
Operable Pressure: 0.55-2.76[MPa]
Thrust: 0.29-1.13[N](Nom)(BOL)
Isp: 208-215[s](Min)(BOL)
Number of Pulses: >850,000
Throughput: >100 [kg]

Status: Flight proven

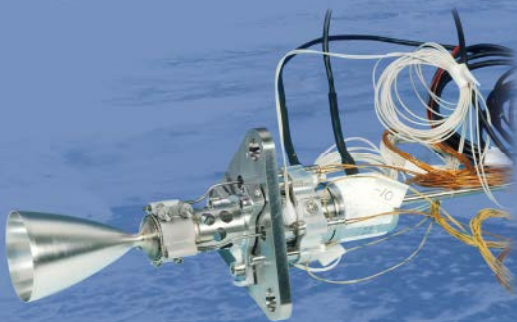
4N Thruster (MT-8A)

Operable Pressure: 0.69-2.76[MPa]
Thrust: 1.80-5.01[N](Nom)(BOL)
Isp: 212-225[s](Min)(BOL)
Number of Pulses: >850,000
Throughput: >190 [kg]

Status: Flight proven



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ITAR-free (optional)*



High-reliability

20N Thruster (MT-2)

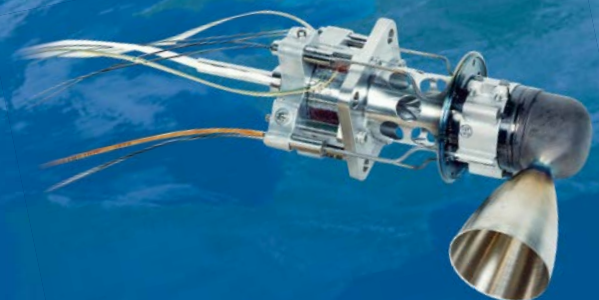
Operable Pressure: 0.48-2.76[MPa]
Thrust: 6.9-19.6[N](Nom)(BOL)
Isp: 210-226[s](Min)(BOL)
Number of Pulses: >261,914
Throughput: >115 [kg]

Status: Flight proven

50N Thruster (MT-6)

Operable Pressure: 0.9-2.76[MPa]
Thrust: 23-50[N](Nom)(BOL)
Isp: 215-225[s](Min)(BOL)
Number of Pulses: >14,800
Throughput: >120 [kg]

Status: Flight proven



For rocket RCS, ITAR-free