

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: Fully qualified

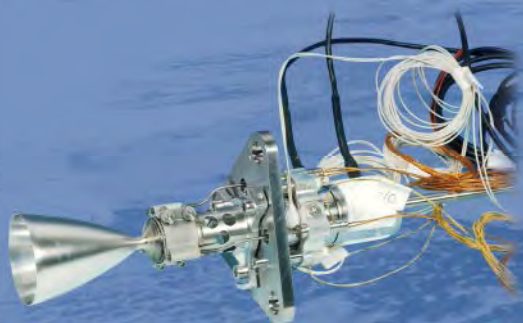
## 4N Thruster (MT-8A)

Operable Pressure: 0.55-2.76[MPa]  
Thrust: 1.47-5.50[N](Nom)(BOL)  
Isp: 206-219[s](Min)(BOL)  
Number of Pulses: >850,000  
Throughput: >180 [kg]

Status: Flight proven



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



*High-reliability*

## 20N Thruster (MT-2)

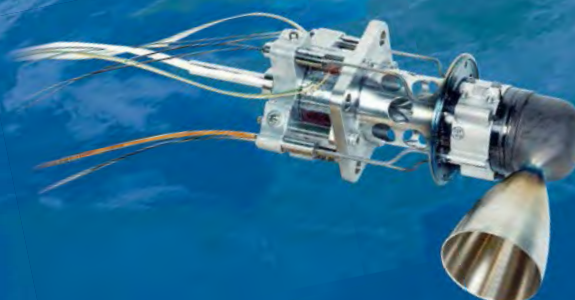
Operable Pressure: 0.48-2.76[MPa]  
Thrust: 6.9-19.6[N](Nom)(BOL)  
Isp: 210-226[s](Min)(BOL)  
Number of Pulses: >261,914  
Throughput: >115 [kg]

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*