

Company

BLUE ORBIT SPACE
SYSTEMS UG

[haftungsbeschränkt]

www.blueorbit.space

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Headquarters

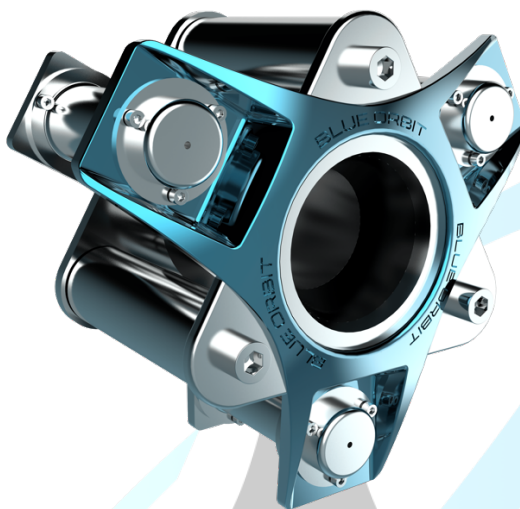
ESA BIC Northern
Germany

Fahrenheitstraße 1
D-28359 Bremen

TRINITY SERIES

Air Breathing Thruster

TRINITY ABE



Propellant	Argon, Nitrogen
Mass (inc. Thruster and Cathode)	2.5 kg
Dimensions	90 x 85 x 115 mm
Nominal Input Power	800 - 1200 W
Operational Power Range	1500 W
Thrust	< 20 mN
Specific Impulse	< 2000 sec
Efficiency	< 60 %
Life	< 3000 hours
Total Impulse	< 1500 k N-sec
Nominal Flow Rate	2-4 mg/sec
On/Off cycles	5000 cycles
Altitude	180-250 km (VLEO)

With its advanced thrust for low-altitude operations, the TRINITY ABE utilizes unique propellants to deliver efficient performance. This versatile system supports diverse missions, making it a cost-effective choice for satellite propulsion.

Contact:

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