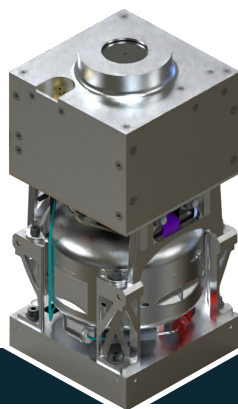


STAR-Water-nano

STAR-Water-nano is a state-of-the-art, plug and play, fully **integrated system designed** for optimal efficiency and versatility

Featuring a low-pressure tank and modular design, STAR-Water-nano is engineered for seamless integration and delivers superior performance and adaptability across a wide range of applications.



Target I_{sp} > 200 s

Propellant Water

Size from 2U

Tank Capacity from 0.3 Kg

Total Impulse from 600 Ns

Power up to 50 W

Thrust up to 20 mN

T&C RS-422

First Flight Q1 2026

ITALY

Spazio Attivo
Tecnopolo Roma Tiburtino,
Via Giacomo Peroni, 442/444
00131 Roma (RM)
Italy

HEADQUARTER

UNITED KINGDOM

Southampton Science Park
KDH, Enterprise Road,
Chilworth, SO16
7NS, UK

UK SITE



ohm.space

ohm)space

The new era of
spacecraft **propulsion**



OhmSpace is an aerospace startup specializing in spacecraft **propulsion** systems

We develop **ground-breaking resistojets** products with high specific impulse and thrust. Our technology has the potential to disrupt both the small and large satellite markets by removing reliance on hazardous chemicals without compromising on speed to reach operational orbit.

OhmSpace offers thrusters that employ safe, low-cost, and readily available propellants to provide quicker manoeuvre capability. This benefits large LEO constellations by accelerating revenue generation and reducing the risk of space debris collisions by a factor of ten.



OUR MISSION

The mission of OhmSpace is to **revolutionize** the space industry by providing a breakthrough in satellite propulsion technology.

Our resistojet thruster fills the market gap of safe, high thrust, and high efficiency electric propulsion.

OhmSpace aims to provide a full range of in-space propulsion systems that empower new missions for nano to large scale platforms.

Through the commercialization of our multi-propellant, high-performance electric thruster, we will enable the use of extra-terrestrial propellant resources to massively reduce the cost of logistics between Earth, the Moon, Mars, and asteroids.

OUR VALUES



INNOVATION



RESEARCH



SUSTAINABILITY



TECHNOLOGY

OhmSpace develops high temperature resistojets with the highest specific impulse on the market.

Our novel 3D printed resistive element enables thousands of heating cycles at extreme temperatures to exceed customers' typical mission requirements.

OhmSpace offers resistojet technology that is compatible with a variety of propellants, including water, ammonia, and inert gases.

Our resistojet thruster is suitable for both nano/micro satellite applications in LEO as well as secondary propulsion on larger telecommunications satellites in GEO.

In-orbit demonstration of our first product, STAR-Water-nano, is planned for Q1 2026.



MULTI-PROPELLANT CAPABILITY

H₂O, Kr, Xe, NH₃, others



10x QUICKER ROI

Compared to HET, 100x faster manoeuvres than FEEP



ULTRA-COMPACT PROPRIETARY DESIGN



LOWER AIT COSTS