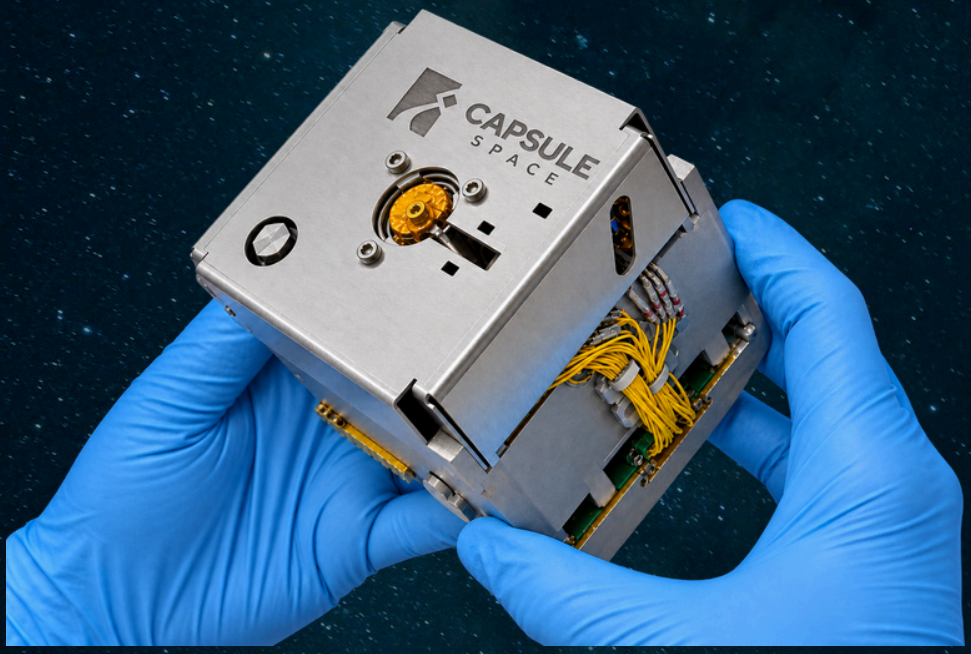
CAPSULE SPACE

WATERCUBE

WATER-BASED propulsion system for fast constellation deployment



Your customer needs the satellite in orbit ASAP?
WaterCube makes rapid launch possible without months of propulsion integration!

Best in market lead time (**<3 months**) and cost (**<45k€**)

Plug and play system and low power consumption (**<30W**)

<5 minutes warm-up

Unpressurized and **non-toxic** propellant

Easily customizable thanks to metal **3D printing**

Launching in orbit in Q4 2026

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CAPSULE SPACE

SPECIFICATIONS

SPECIFIC IMPULSE	**95 - 110 s**
TOTAL IMPULSE	100 - 1200 Ns
THRUST	**4 mN (Continuous mode)** **1 - 3 mN (Pulsed mode)**
POWER DURING FIRING	21 - 30 W continuous firing 9 – 18 W pulsed firing 25 W warm-up (4 minutes)
UNIT VOLUME & MASS	**0.75U - 2U** **08 kg - 2.2 kg**
ELECTRICAL INTERFACES	1 power and signal connector Harwin 12 V or 28 V unregulated power interface CAN or RS-422 signal interface
MECHANICAL INTERFACES	**M3 screws** **(with helicoil retention system)**

LINKEDIN

WEBSITE

PLUGANDPLAY Takeoff esa business incubation centre kopa. DIANA INNOVATOR cdp Fondo Nazionale Innovazione Moonstone