CAPSULE SPACE

WATERCUBE+

The first dual-mode WATER-BASED propulsion system in the world



The high thrust and responsiveness of a chemical thruster plus the accuracy of a resistojet .

50% lower lead time compared to market standard

30% cost and **time savings** during AIT

Low power consumption (**<30W**)

<5 minutes warm-up

High thrust and **low** thrust modes

Launching in orbit in Q2 2028

PLUGANDPLAY Takeoff esa kopa. DIANA INNOVATOR cdp Moonstone

CAPSULE SPACE

DATASHEET

SPECIFIC IMPULSE	**Resistojet mode: 95 - 110 s** **Chemical mode: 140 s**
TOTAL IMPULSE	1.300 - 10.000 Ns
THRUST	**Resistojet mode: 4 mN** **Chemical mode: 1 N**
POWER DURING FIRING	Resistojet: 22 - 30 W continuous firing 9 – 18 W pulsed firing Chemical: 4 - 7W
UNIT VOLUME & MASS	**2U - 10U** **2.2 kg - 10.9 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 - M4 screws with helicoil**

LINKEDIN

WEBSITE

PLUGANDPLAY Takeoff esa kopa. DIANA INNOVATOR cdp Moonstone