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# RAMI

Reliable and Advanced Mission Injector

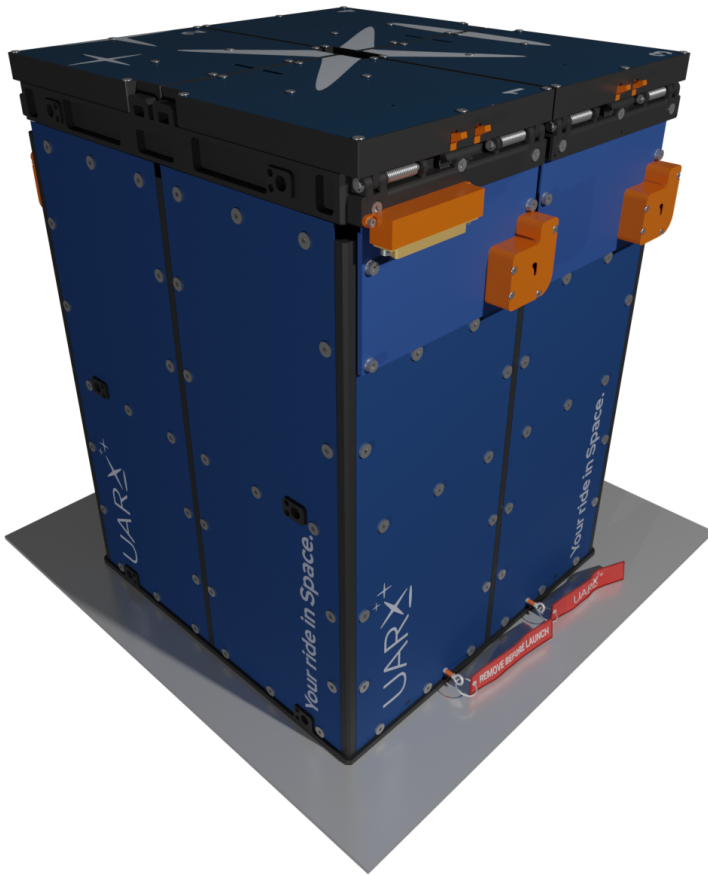


## Product Quick Specs

Version D

February 3, 2025

Your ride in Space.



- **Integrated Charging Port:** Keep your CubeSat's battery charged and ready for long-duration missions, even when integrated into the launch vehicle.
- **Communication Port:** Monitor and maintain the health of your CubeSat with ease, ensuring reliable performance throughout its journey.
- **Enhanced Mission Readiness:** Ideal for interplanetary missions where the CubeSat remains in the deployer for extended periods.
- **Increased Reliability:** Prevent battery discharge and maintain optimal CubeSat functionality during critical mission phases.
- **Competitive Advantage:** Stay ahead with advanced features that are not commonly found in other deployers on the market.
- **Magnetic Cleanliness:** Our actuator avoids the use of strong permanent magnets, preventing disturbances to the satellite's residual magnetic dipole and ensuring optimal performance.

## The Most Advanced CubeSat Deployer for LEO and Interplanetary Missions

### TECHNICAL SPECIFICATIONS

Product name	RAMI - Reliable and Advanced Mission Injector
Bay configuration options	1x 12U, 2x 6U, 1x 6U + 2x 3U, 4x 3U
Standard CubeSat dimensions supported	0.25U, 0.5U, 1U, 1.5U, 2U, 3U, 6U, 12U
Maximum CubeSat side protrusions	25.5 mm nominal, and up to 39.0 mm
Number of "Tuna can" available	up to 5
Maximum payload mass	30 kg
External dimensions stowed (w, h, d)	330.6 mm x 383.9 mm x 448.8 mm
Deployer weight/mass	From 9.0 kg (configuration dependant)
Deployment actuators	Resettable, redundant, non-magnetic
Mechanical fixation	5x M8 + 4x M6 (SpaceX Falcon 9 compatible)
Electrical interface	1x D-Sub or individual D-Sub per each port
Umbilical interface	Charging and data port for each slot (8x 1.5A)
Qualification levels and status	16 g <sub>RMS</sub> for random, TRL9