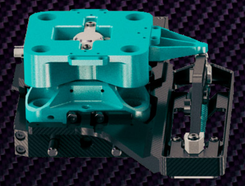
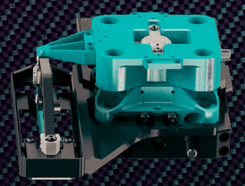
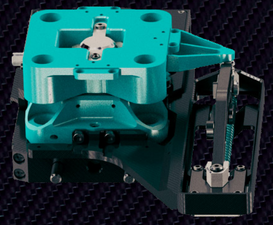
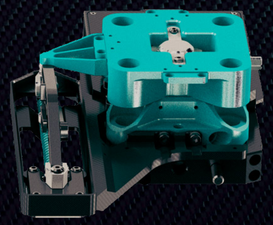
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Quadro FleX













Multi-Point Microsatellite Separation System

INTRODUCING

Quadro FleX

Multi-Point Microsatellite Separation System



Quadro FleX is an HDRM (Hold-Down and Release Mechanism) separation system from Exolaunch for microsatellites weighing **up to 1,000 kg.** Derived from the proven Quadro Versa architecture, **FleX** delivers the same reliable performance in a single hold-down point, providing exceptional flexibility for virtually any satellite footprint. Each **Quadro FleX** unit incorporates a redundant actuator and integrated pushe spring, leveraging the flight-proven heritage of the **Quadro** and **CarboNIX** product families.

FleX is also compatible with multiple launch vehicles, making it an ideal solution for missions where mass, volume, or footprint flexibility drive spacecraft design. For larger satellites exceeding **1,000 kg,** or those with unconventional form factors or structural requirements, six or more **Quadro FleX** HDRMs can be combined to create a scalable separation system tailored to the mission.

Quadro FleX
Fact Sheet

SMALL FOOTPRINT

Since the four hold-down points are not mechanically connected, Quadro FleX occupies an exceptionally small footprint.

LOW MASS

Optimized for mass, Quadro offers the lightest flyaway mass of any four-point system.

SHOCK-FREE DEPLOYMENT

No pyrotechnics ensures your payload remains intact after deployment.

MAXIMUM FLEXIBILITY

Suitable for any conceivable footprint, including three-, four-, and six-point arrangements. The pusher arm is also available in multiple configurations to match your needs.

FAST RESET TIME

Flight-proven, simple and robust magnetic locks are quick to reset during testing or at the launch site.

FLIGHT HERITAGE

Critical subsystems like HDRM, lock mechanism and pusher arm have flight heritage across dozens of missions.

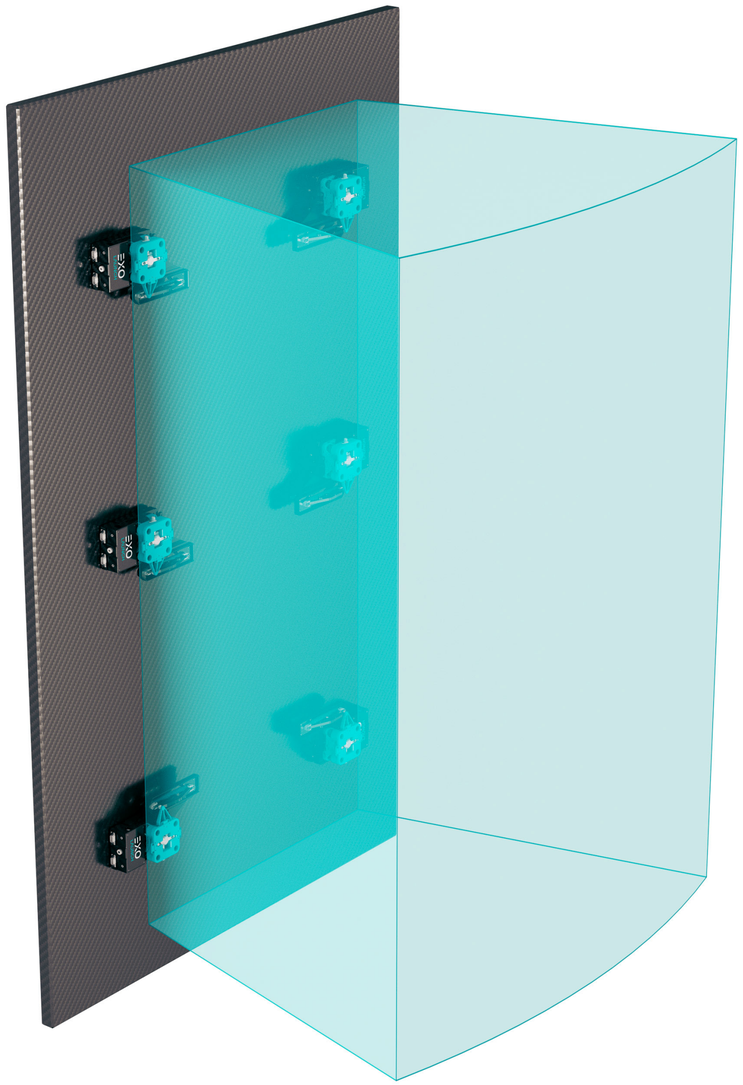
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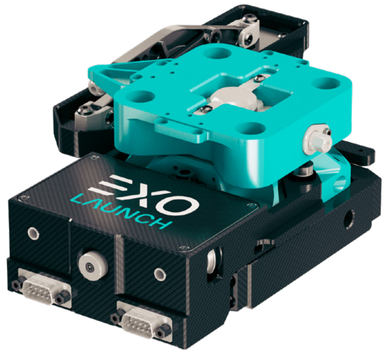
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MADE IN GERMANY

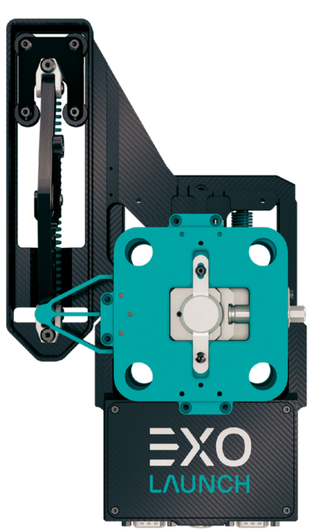
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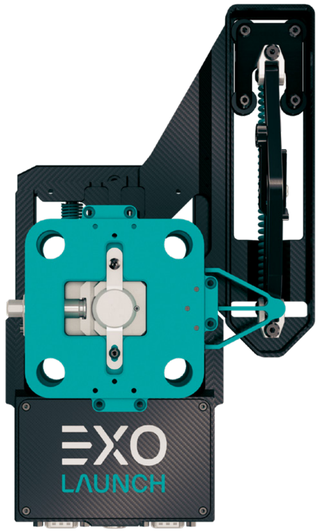
Quadro FleX











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