

PRESS RELEASE

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NEW PRODUCT: JORAN hexapod

SYMETRIE, the French leader in hexapods, has launched JORAN, a high precision positioning hexapod with high stability, designed for the most demanding optical applications.



Outstanding resolution and stability

Developed in collaboration with the European synchrotron ESRF, JORAN hexapod is ideal to adjust mirrors or vacuum chambers on synchrotrons beamlines.

The configuration and integration of precision actuators and joints enable JORAN hexapod to position a payload of up to 1500 kg with a **resolution** of 0.5 μ rad.

Its mechanical design ensures a great **stability** and guarantees positioning quality over time.

This new hexapod generation contributes to meeting the increasingly sophisticated requirements of scientists in terms of beam quality.

An ergonomic and intuitive control

The hexapod comes with its controller and ergonomic software developed by SYMETRIE with LabVIEW, which enables to virtually configure the rotation centre for example.

The hexapod can be **easily integrated into a control system** such as EPICS, TANGO or SPEC via an Ethernet or an RS232 link.

SYMETRIE is an innovative company specializing in the design and implementation of positioning and motion hexapods of all sizes for over 10 years.

In a few words:

- 4 M€ turnover, an R & D department, 70% of engineers
- Major customers: AMOS, ASTRIUM, CEA, CNRS, DGA, ESRF, RIO TINTO, SAGEM, SELEX ES, SOLEIL, THALES ALENIA SPACE, THALES ELECTRON DEVICES ...
- Large scale technological projects: Laser Megajoule; ground or space telescopes: Aries, JWST, OAJ and Pan STARRS 2; satellites: Gaia and MPO, synchrotrons: ESRF, SOLEIL...

Contact us for more information!

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