

NEWSPACE MARKET · COMPANY PROFILE



# Azimut Space

Germany · founded 2007 · [azimutspace.com](http://azimutspace.com)

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as of 20 August 2026



# Azimut Space

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Azimut Space GmbH is a space engineering company located at the Technology Park Berlin Adlershof, Germany's largest technology park and one of Europe's leading science and technology hubs. Founded in 2007, the company began as a thermal engineering specialist and has since expanded into payloads, scientific instruments, and testing infrastructure for the space industry. The company's core expertise is thermo-mechanical engineering: they design, analyse, and manufacture custom thermal control hardware including flexible thermal straps and links, complete thermal management systems, and specialised space-grade Ground Support Equipment. Their thermal solutions have flown on high-profile missions including NASA/JPL's InSight Mars lander (as prime industrial partner of DLR for the HP<sup>3</sup> heat probe instrument) and the MASCOT asteroid lander aboard JAXA's Hayabusa2 mission. Beyond thermal hardware, Azimut Space develops scientific instruments and payloads, and provides in-house thermal testing infrastructure including a Thermal Vacuum Chamber, Thermal Cycling Chamber, and Thermal Characterization Unit for customer qualification campaigns. The company has also contributed to ESA research programmes including MELT (3D printing for ISS), LTE (low-temperature electronics), and AerSUS (space aerogels), as well as concept projects for lunar ISRU energy systems through the HEBAM initiative. With 11–50 employees and a track record spanning Europe's most demanding space missions, Azimut Space combines the agility of a specialist SME with the heritage and technical depth typically associated with much larger primes.

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## SERVICES

## Services

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### Environmental Test Campaign Planning and Support

Planning and support for environmental test campaigns, including tailoring ECSS standards and verification strategies.

### Hardware Characterization and QA

Thermal characterization tests, performance reporting, and quality assurance compliant with ECSS and ESCC standards.

### Thermal Analysis

Specialized thermal analysis services using advanced software for geometric, orbital, and planetary thermal modeling.

### Thermal Engineering Services

Azimut Space offers comprehensive thermal engineering services, covering preliminary design, detailed analysis, and hardware selection for space missions.

### Thermal Testing

Comprehensive thermal testing services including test plan development, execution, data acquisition, and reporting.

# Product catalogue



AZIMUT SPACE

Navigation and Attitude Pointing Systems

Azimut Space's precision azimuth and elevation pointing systems and navigation equipment for satellite tracking antennas, ground stations, and airborne surveillance platforms.

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| Products           | Az-El antenna positioners,<br>gyro-stabilized platforms,<br>pointing control systems |
| Pointing Accuracy  | Arc-minute class (antenna<br>tracking)                                               |
| Encoder Resolution | 19–23 bit angular (high-<br>resolution servo systems)                                |
| Mobile Platforms   | Gyro-stabilized systems for<br>vehicles, aircraft, ships                             |
| Applications       | Satellite ground tracking,<br>remote sensing, airborne<br>surveillance               |

price on request



AZIMUT SPACE

Thermal Strap / Thermal Link

Custom flexible thermally conductive links made of copper, aluminium, or Pyrolytic Graphite Sheets for precise heat management in space applications.

price on request

## Contact Azimut Space

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.azimutspace.com>

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