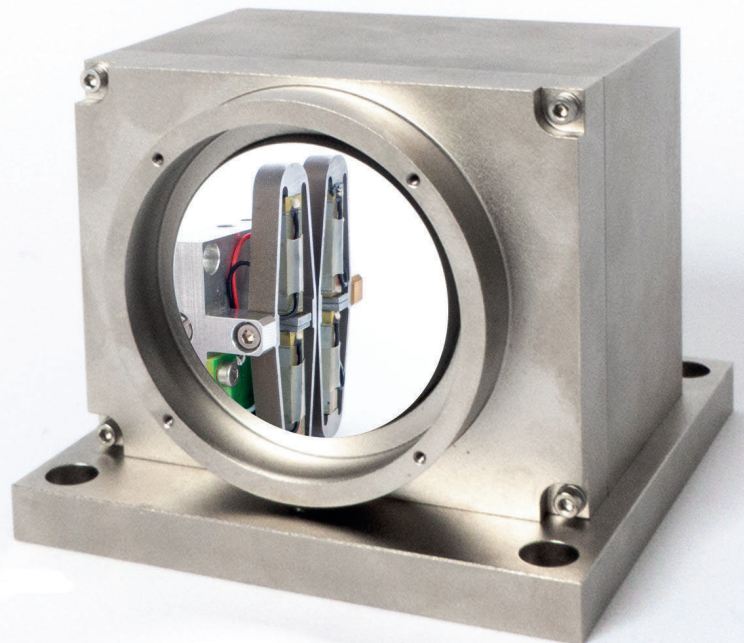
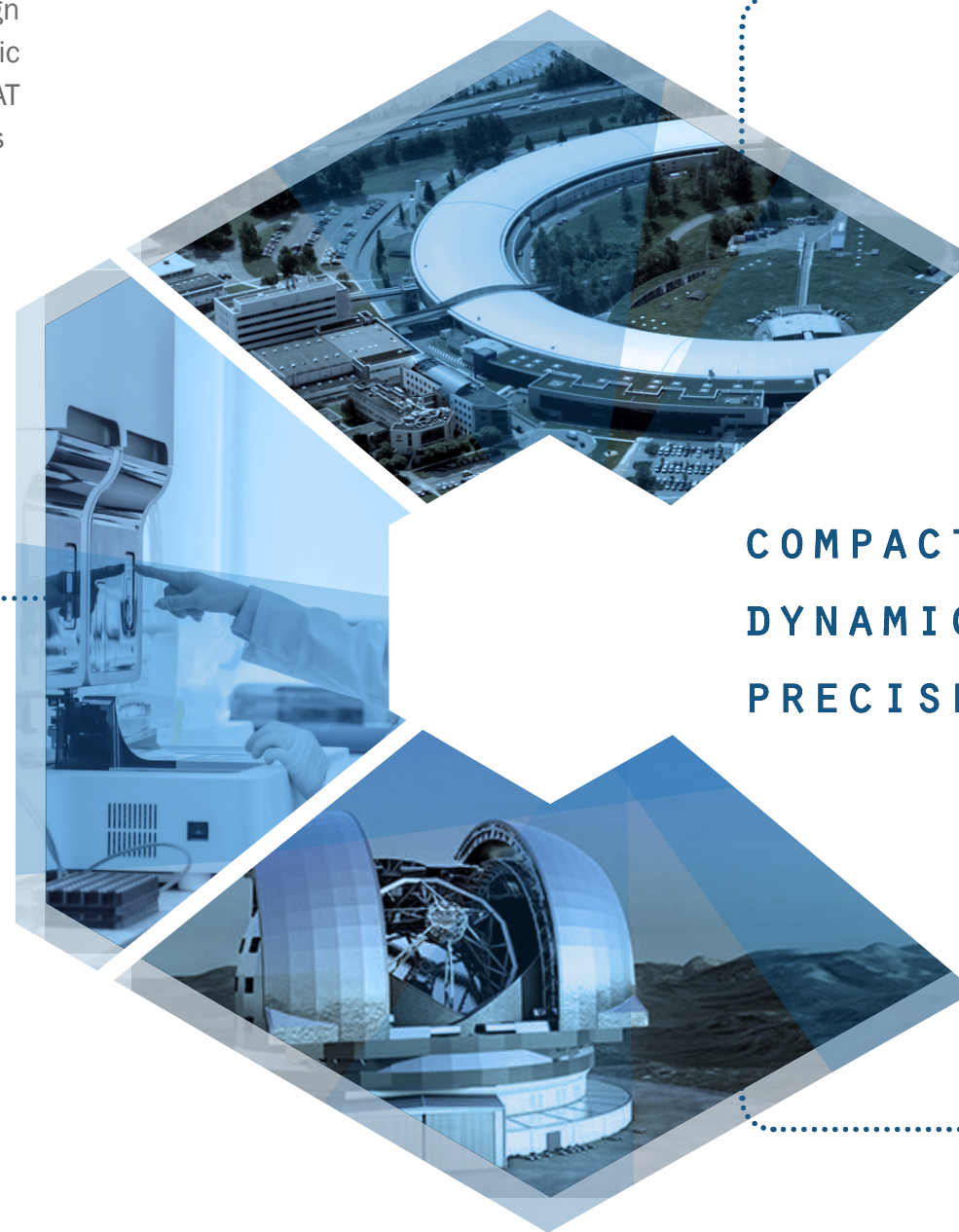


MECHANISMS FOR SCIENTIFIC INSTRUMENTATION



MECHATRONICS FOR SCIENTIFIC INSTRUMENTATION

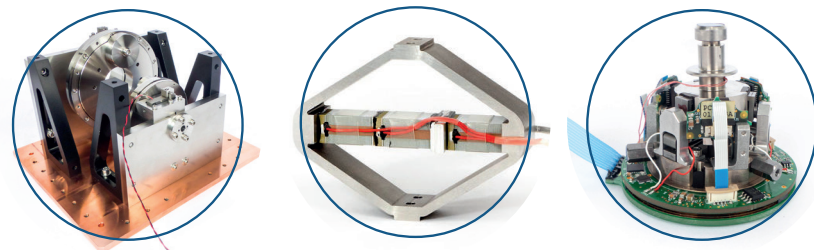
CEDRAT TECHNOLOGIES has the capability to design and manufacture innovating motion systems for scientific instrumentation. With a strong space heritage, CEDRAT TECHNOLOGIES develops reliable and robust technologies which now benefit to cutting edge structures such as synchrotrons, telescopes, and scientific equipments' manufacturers around the world. Our systems are used as positioners, scanners, shakers, shutters and force generators. Most of our products can be customized as well as vacuum, non magnetic and cryogenic compliant.



COMPACT
DYNAMIC
PRECISE

SCIENTIFIC EQUIPMENTS

- Piezo shakers for material testing
- Piezo force generator for material fretting
- Indenters for hardness testing
- 3D sample positioning for X ray analysis
- Piezo motorized positioning stage
- XYZ positioning stage



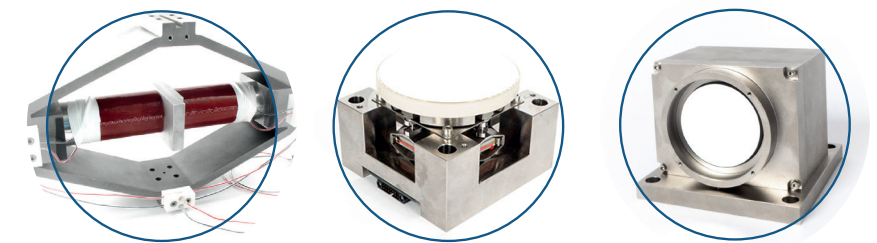
SYNCHROTRONS

- Fast shutter
- Beam shapper / Active slits
- Samples positioning
- Fast attenuation device



TELESCOPES

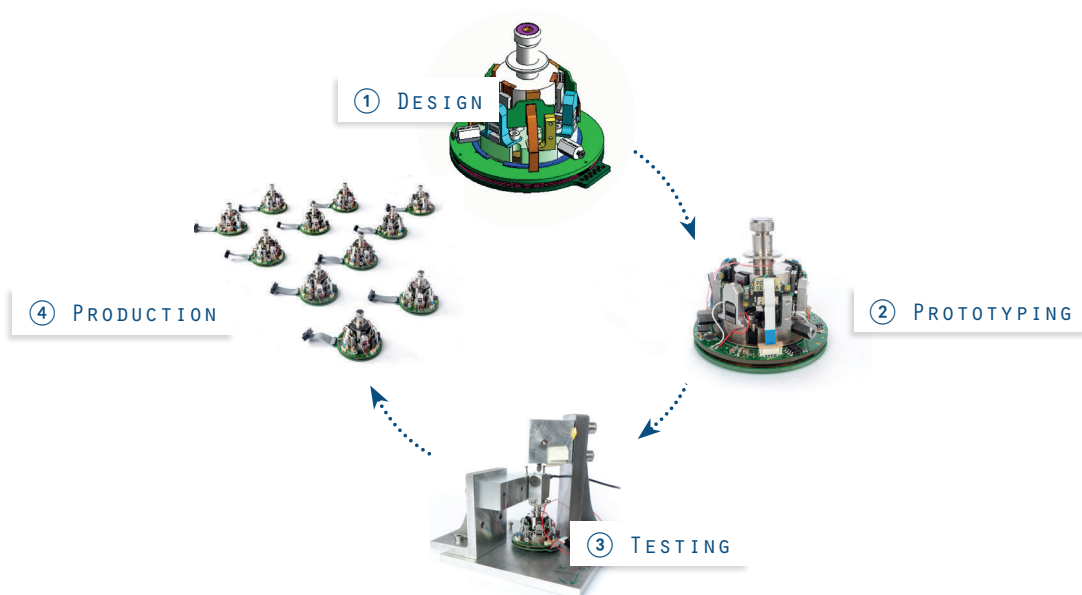
- Mirror positioning
- Beam steering mirror for signal modulation
- Fast Steering Mirrors for atmospheric disturbance compensation



CEDRAT TECHNOLOGIES offers off-the-shelf mechatronics products including piezoelectric & magnetic actuators, motors, mechanisms, transducers and sensors with corresponding drivers & controllers. These mechatronics products are used for scientific and industrial applications requiring functions such as: micro & nano positioning, generation of vibrations, micro-scanning, fast & precise motion control, active control of vibrations, and energy harvesting...

Most of the products are available in OEM versions for low cost & high volume industrial applications. CEDRAT TECHNOLOGIES also offers services including, design, R&D under contract and training.

FROM DESIGN TO BATCHES



CEDRAT TECHNOLOGIES

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