On September 21st, 2022, Strumenti Scientifici Cinel S.r.l. signed a contract for the supply of a new turnkey imaging beamline, to be installed at Elettra Synchrotron in Trieste. The total value of the contract is over 4 million euros and the project will span over approximately two and a half years.
The new imaging beamline, “Syrmep”, will be designed to fully exploit the state-of-the-art performances of the future Elettra upgrade, called Elettra 2.0.

Syrmep will allow image acquisitions with extreme resolution of samples having lateral dimensions ranging from a few millimeters up to several centimeters, using x-ray beams as wide as several hundred millimeters. The large beam size requires the use of specific cutting-edge technologies in the field of optical X-ray systems.

This project represents an important milestone for Strumenti Scientifici Cinel. By leveraging this experience, Strumenti Scientifici Cinel will become a major player worldwide not just as a beamline instrumentation supplier, but also as a turnkey integrated solutions provider.

Recently SAES Getters S.p.A. acquired 100% ownership and control of both Strumenti Scientifici Cinel and SAES RIAL Vacuum, both operating in the vacuum mechanical engineering and scientific instrumentation market, integrating the two companies within its High Vacuum Division. These two acquisitions allow changing the Mission of the High Vacuum Division from a supplier of NEG pumps to an integrated industrial player providing turnkey solutions for industrial applications and research facilities, leveraging and exploiting the acquired transversal expertise in Vacuum, Mechanical and Scientific instrumentation engineering.

About us:
Strumenti Scientifici CINEL S.r.l was founded in Padua in the 70’s and today has reached a long experience in mechanical design and manufacture of apparatuses in several scientific and research fields such as Synchrotron Light Sources (monochromators, fully integrated front-ends and beamlines, experimental chambers), as well as accelerator components (vacuum chambers, accelerating cavities, radiofrequency quadrupole cavities).