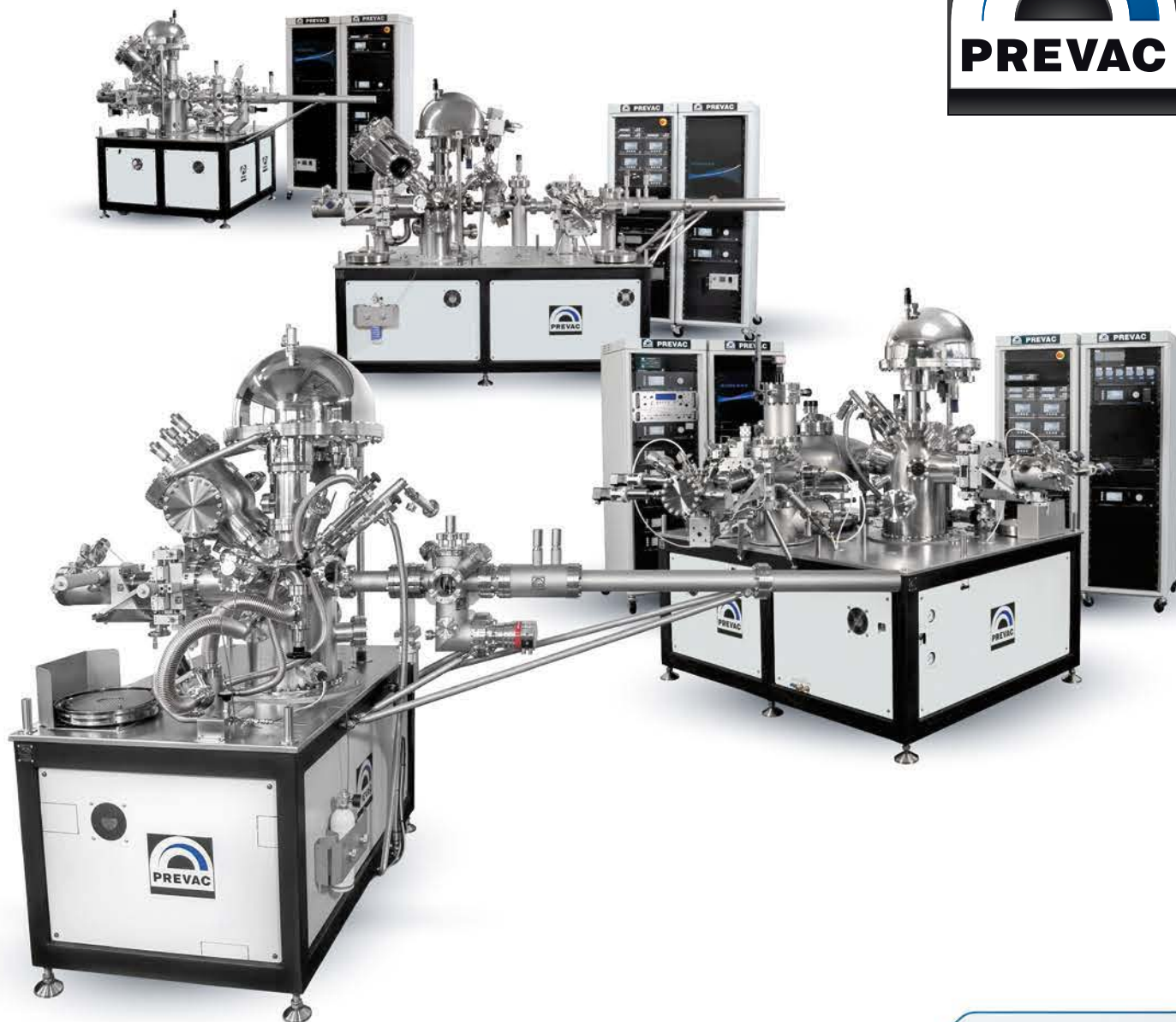


Прецизионные вакуумные технологии



XPS/UPS/ARPES СИСТЕМЫ

Универсальные инструменты для анализа поверхности

PREPARATION MODULE

As very helpful, the surface analysis systems can be equipped with an universal preparation chamber. Its base pressure is in 10^{-10} mbar range and offers ports for:

- LEED/ AES measurements
- TDS/TPD
- deposition sources different types, K-cells, EBV, etc
- ion source
- mechanical scraping tool
- and many others

MANIPULATOR - PREPARATION CHAMBER

The manipulator of preparation chamber, usually with LN_2 cooling can be provided as 4 or 5 axes depending on the application. Each manipulator is equipped with all heating possibilities e.g. resistive, EB or direct.

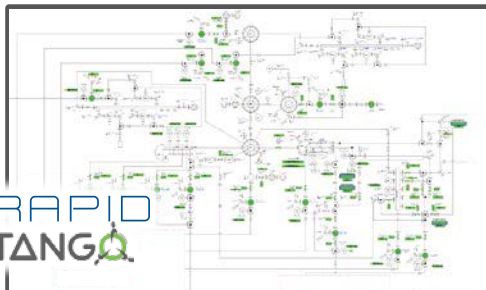


RADIAL DISTRIBUTION CHAMBER

For customers with higher demands and thinking about future extension possibilities we propose a configuration with a RDC (Radial Distribution Chamber). It allows to extend system by SPM, MBE, PLD etc. Fast and reliable drop-proof transfer of hot and cold samples (time to transfer between two chambers below 45 seconds).

STORAGE CHAMBER

As useful option, the system can be equipped with storage chamber, with cleaving option.



SOFTWARE CONTROL

Each system may be semi- or fully-pc controlled in both transferring and analysis tasks.



XPS / UPS / ARPES



If you need any further information, please do not hesitate to contact our sales department

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