MODULLINE VACUUM GAUGES







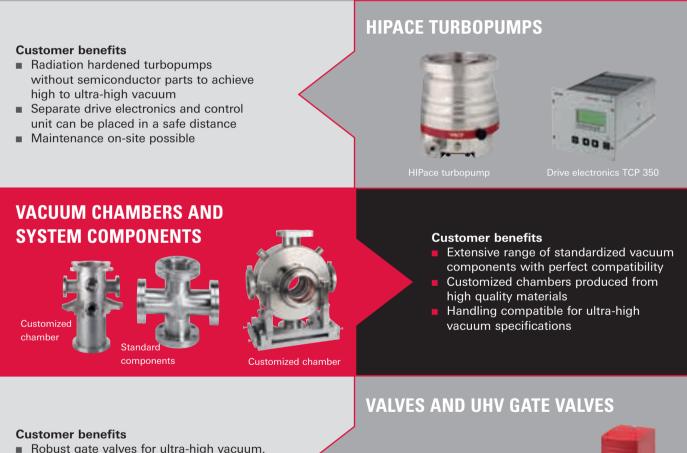


Cold cathode

Customer benefits

- Radiation hardened vacuum gauges from atmosphere to ultra-high vacuum
- Separate measurement electronics and control unit can be placed in a safe distance
- Maintenance on-site without need to leave the radiation area

VACUUM SOLUTIONS FOR YOUR ACCELERATOR APPLICATION



- Robust gate valves for ultra-high vacuum, achieving high conductance
- Angle and inline valves
- Optional actuation methods: manual, with pressurized air or electromagnetic coil







ION SOURCES AND DIAGNOSTICS COMPONENTS





lon source

50 kV irradiation facility

Customer benefits

- Electron Beam Ion Sources (EBIS) for highly charged ions
- Electron Cyclotron Resonance Ion Source (ECRIS) for high ion beam currents
- Ion and electron beam optics and diagnostics as well as complete irradiation facilities

Customer benefits

- New sputter method allows coating of hard-to-reach inner surfaces
- Vibration-free, gas-binding pumping principle for ultra-high vacuum generation
- Job coating service
- Coated vacuum chambers and components from one supplier

COATING WITH NON-EVAPORABLE GETTER MATERIAL

Customer benefits

 Verification of the vacuum quality, leak tightness and residual gas analysis

Coated component

- Sector field sensor cell with high sensitivity for helium and hydrogen on masses 2,3,4
- Compact or modular quadrupole mass spectrometers for residual gas analysis in high and ultrahigh vacuum applications

LEAK DETECTORS / RESIDUAL GAS ANALYSERS



Customer benefits

- Dry multi-stage roots pumps with outstanding cleanliness, vacuum generation free from oil, particles and fluorine
- Hermetically sealed rotary vane pumps in a compact and robust design
- Diaphragm pumps with AC or DC motors, to generate ultra-high vacuum vacuum in combination with high compression turbopumps

ROUGHING PUMPS



All data subject to change without prior notice. (March 2019/10)



Are you looking for a perfect vacuum solution? Please contact us:

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