



OmniVac

Surface Analysis and Vacuum Technology

Laboratory Electronics



OmniVac offers a wide range of own laboratory electronics for standard applications in scientific research. This comprises e.g. heating power supplies for standard resistive heaters as well as highly customized solutions for control of complete vacuum systems.

- heating (resistive, e-Beam)
- ion sources
- light sources (X-Ray, UV)
- electron sources
- preamplifiers
- vacuum control units

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PS REG 100



PS EBV 100



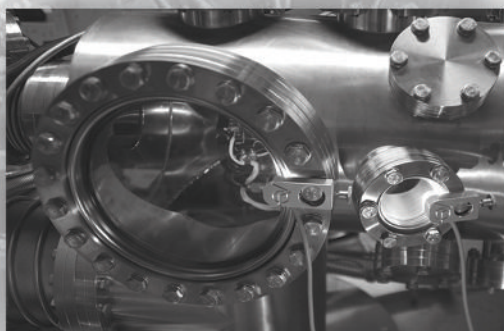
PS TSP 100



PS VCU 100

Fields of Application

- Sample / Evaporator Heating (PID controlled)
 - resistive heating
 - ebeam heating
 - high current (TSP)
 - laser heating
- Ion sources
- Electron sources
- Light sources
 - UV (Plasma)
 - X-Ray
- Scientific equipment
 - preamplifiers
 - hemispherical analyzer controls
 - STM-tip etching
 - gas mixing controls
- Vacuum control units (with bakeout and safety procedures)
- LED chamber illumination



LED chamber illumination system



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