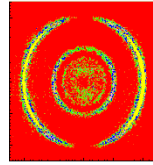


The HV3 High-Voltage Supply



RoentDek
Handels GmbH
Supersonic Gas Jets
Detection Techniques
Data Acquisition Systems
Multifragment Imaging Systems

The **RoentDek HV3** High Voltage power supply offers three output channels. The form factor is 3HU. In the standard configuration, it is equipped with one negative output and two positive output channels with a maximum voltage of 4kV each. Variants with $\pm 6\text{kV}$ are also available. The HV3 can be remote controlled in various ways: either directly via a DC-input voltage or by software through the USB-port or over the ethernet (Telnet or web browser interface). This way, it is well suited for the integration into large data acquisition-systems (e.g. Tango).



Technical details:

- 3 high voltage output channels. Connector type SHV-5.
- Up to $\pm 6\text{kV}$ output voltage ($\pm 4\text{kV}$ in the standard configuration).
- Remote control via USB, TCP/IP/Telnet, **Web interface** or DC input control voltage.
- Output current max. 1 mA (0.66 mA in case of $\pm 6\text{kV}$ or if configured with internal $1\text{M}\Omega$ -resistor).
- Interlock/inhibit safety feature via external DC-signal.
- DC output monitor voltage.
- adjustable ramp speed.
- Auto-off function in case of current overload (configurable).
- Output voltage accuracy $\pm 1\text{V}$
- Ripple/Noise: typical $< 5\text{ mVp-p}$, max. $< 10\text{ mVp-p}$

[Link to manual](#)