

Optics Power Supply



The Ardara Technologies Optics Power Supply was designed to provide stable high voltages suitable for up to eight optics elements, including lenses, ion guide offset potentials, pre-filter offset potentials and other ion optics devices.

- Eight +/-400 volt outputs standard.
 - Individual outputs can be configured for +/-50V, +/-100V or +/-200V
 - 2 MOhm output impedance.
- Features front panel ten-turn potentiometers for fine control of each output.
- Front panel display select switch allows direct measurement of each individual output voltage using front panel digital voltmeter.
- Back panel DB25 connector features external command input for each of the six outputs.
 - +/-4.0V command yields +/-400 V output, 1 MOhm input impedance.
 - Unit automatically switches between front panel control and external command if pins 24 and pins 25 of the external connector are shorted.
- External Master Command offers the control of any or all of the optics voltages to be offset by a Master Command.
 - This allows downstream voltages to be automatically adjusted by changes made upstream.
 - The Master Command can also be outputted to other electronics from the Optics Power Supply.
- Optional configuration can provide power and map offset voltages for Analytica of Branford's family of RF power supplies.
- Dimensions: 19 inch rack mount front panel, 3.5 inches tall, 15 inches deep.
- Universal AC input (100-240VAC, 50-60 Hz)