

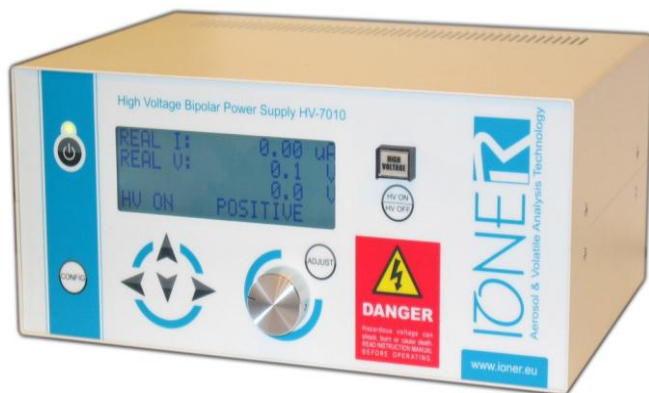
## HV-7010 HIGH VOLTAGE SOURCE

The IONER HV-7010 is a precise and low noise, high voltage unipolar or bipolar DC source.

With a resolution of 0.1V and a ripple level of 0.001%pp, they are the best option for the high voltage supply needed in a big number of scientific fields.

The IONER's HV-7010 has been calibrated by SGS under the ISO 9001-2000 certification.

Positive and negative polarities can be easily reversed by the user from configuration menu. Large display for clear and easy voltage setting and monitoring.



### SPECIFICATIONS

Max. Voltage	20 kV, 10 kV, 1000 V, 500 V, 200 V (other ranges available on demand)
Polarity	Unipolar / Bipolar
Stability	0.001% / 5 min
Resolution	0.001% of the max. voltage
Ripple	0.001% pp
Max. current	0.1 mA
Weight	5 Kg
Dimensions	300×130×210 mm
Power supply	100-240 VAC/50-60Hz
Max Consumption	100W
Operating temperature	5-40°C
Operating humidity conditions*	5-80%
Communications	Ethernet

\* Non-condensing

### APPLICATIONS

- Electrical measurements
- Plasmas
- Differential Mobility Analyzer (DMA)
- Particle collection
- Mass Spectrometry (MS)
- Electron beams
- Focused Ion Beam (FIB)
- Lithography
- Scanning Electron Microscopy (SEM)

### CONFIGURATIONS

- Unipolar: Positive or negative
- Bipolar: Positive and negative