

## EL-5010 ELECTROMETER: Ultralow current measurement

IONER EL-5010 Electrometer is an all-purpose femtoammeter. Able to measure current in the range of 1-10000fA. Other ranges are optional. The preamplifier is included and placed in a Faraday cage near the sampling point in order to decrease the electrical noise. The electrometer is fully programmable through Ethernet interface and data acquisition software and Labview® drivers are included. Several electrical connectors available: UHF or BNC.

### SPECIFICATIONS

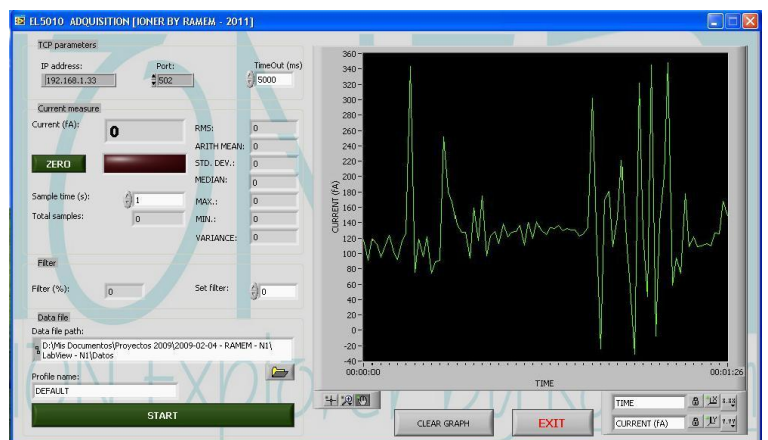
Measurement rate	1fA-10pA (other ranges available on demand)
Resolution	0.1 fA
Noise (RMS)	0.5 fA
Communications	Ethernet
Weight	2.5 Kg
Software and Labview® drivers	Included
Dimensions	183×167×90 mm
Power supply	100-240 VAC/50-60Hz
Max Consumption	30W
Operating temperature	5-40°C
Operating humidity conditions*	5-80%
Bias	Optional (±13V)
Battery duration (optional)	8h

\* Non condensing



### APPLICATIONS

- Electrical measurements.
- Detection of current leakages.
- Electrochemistry.
- Ion detection.
- Atmospheric electricity.
- Measurement of resistivity.



RAMEM S.A. reserves the right to make changes to product(s) described herein without prior notice.