



**The wide frequency impedance analyzer is driven by a simple yet powerful software that manages the data acquisition even on long term sequences, with an intuitive waterfall 3-D presentation**

### **Open the door to a deeper Knowledge of your samples**

A modern electrochemical laboratory is facing every day challenging measures and phenomena to be analysed.

The Impedance Spectroscopy technique greatly expands the application range of electrochemical measures and helps in defining the dynamical behaviour of reactions as well as identifying the relative contribution of two or more concurrent reactions .

The new 7260 Impedancemeter, born from a long-term cooperation with **AMEL Instruments**, takes advantage of all the experience cumulated in years of leading-edge research and focuses on the features really needed in this field.

With a wide frequency coverage **(10  $\mu$ Hz - 35 MHz)** and accuracy (up to 0.1% amplitude, 0.05deg) the 7260

Impedancemeter accomplishes the most difficult tasks in electrochemistry today.

The instrument is easily controlled through a Windows based software that is supplied with the instrument, and allows the managing of multiple runs and complex experimental sequences.

Upgrade now your equipment to Impedance Analysis and take a deeper look at your valued samples

Contact us to find out more on the features, as well as on the ancillary equipment available.



## Cell connection

**Operating Mode**  
**Measuring configuration**  
**input BNC**

Impedance measurement / FRA  
4-wire for impedance, Gen V1 V2 for FRA mode  
Outer contact grounded

## Generator

**Frequency Range**  
**Accuracy**  
**Gain accuracy**  
**Phase accuracy**

10  $\mu$ Hz ÷ 35 MHz  
+/- 0.05% of the desired frequency  
0.01 dB + 0.001dB/KHz < 1MHz  
0.02° < 10 kHz

**Voltage range**  
**Input range**

0.05° + 0.0001°/kHz < 35 MHz  
+/-100 $\mu$ V to +/-10 V DC+pk AC  
10V, 3V, 1V, 300mV, 100mV, 30mV, 10mV, 3mV,  
1mV pk

**Resolution**

6 Digits

## Measurement Ranges

**Inductance**  
**Capacitance**  
**Resistance**  
**Basic Accuracy**

10 nH to 10 kH  
1 pF to 1000  $\mu$ F  
1 mohm to 500 Mohm  
0.1%

## Input channels

**Number**  
**Connectors**  
**Max Input**  
**Input impedance**

2 balanced differential  
Dual grounded BNC  
10V peak from earth  
1 Mohm // 30 pF

## Output

**Output Voltage**  
**Output impedance**  
**Output resolution**  
**Output bias**

0V to 10V peak  
50 ohm +/- 1%  
50  $\mu$ V to 5 mV level dependent  
+/- 5 V

## General

**Ports**  
**Voltage mains**  
**Power consumption**  
**Size & weight**

RS232 Baud rate 19200 RTS/CTS Flow control  
115 / 230 V ranges (+/- 10%)  
30 VA max  
400 x 430 x 135 mm (L x W x H); Kg 12  
(rackmount brackets excluded)