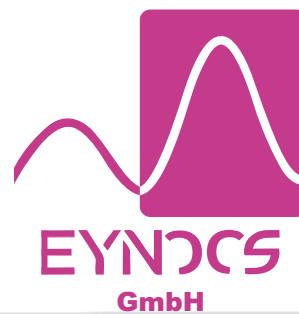




## **Zeus** Electrochemical Impedance Analyzer

## Product specifications



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## General

Dimensions	31 x 19.1 x 6.6 cm 12.2 x 7.5 x 2.6 inch
Weight	2.3 kg, 5 lbs
Sample Connections	4, 3 or 2 wires (up to 50cm cable)
Power source	AC: 110-220V, DC: 15V 3A
PC Interface	RJ45(Ethernet), USB 2.0, GPIB, RS-485
Power Consumption	< 30 W
Operating temperature	10° to 40°C
Specification limits	20° to 27°C
Humidity	< 60 %

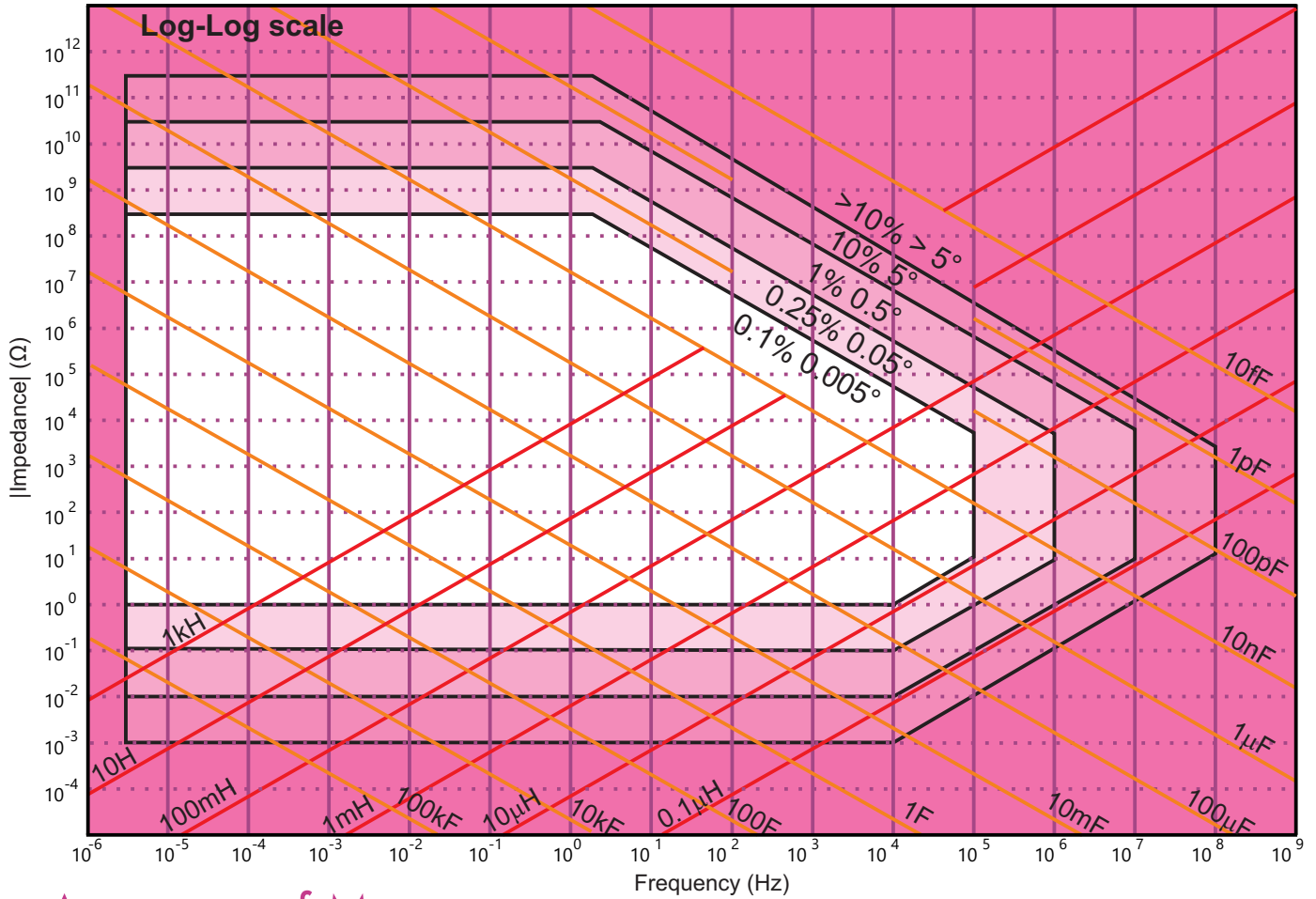
## Measurement specifications<sup>(Highest spec.)</sup>

Frequency range	1 $\mu$ Hz – 100 MHz
Impedance range	1 m $\Omega$ – 100 T $\Omega$
Capacitance range	1 fF – 1 kF
Inductance range	10 nH – 1 kH
Basic Precision	0.1%
Basic Phase angle	0.005°
Basic Loss factor	<1e-4
Signal Voltage	$\pm$ 10 V (full AC + DC Bias range)
Signal Current	500mA

## Upgrade options

Frequency	FR-EX1: 1 $\mu$ Hz – 1 MHz FR-EX2: 1 $\mu$ Hz – 10 MHz FR-EX3: 1 $\mu$ Hz – 100 MHz
Precision	HI-PR: 0.1% 0.005°
Limitations	Enhanced Limitations
Capturing speed	1 MSp/s 10 MSp/s
Connection	EX-C1: USB EX-C2: GPIB EX-C3: RS-485

# Accuracy of Measurements (option HI-PR)



# Accuracy of Measurements (option NO-PR)

