

EIS BOX

Eight Channel Electrochemical Impedance Spectroscopy Device

The Gamry EIS BOX measures EIS on up to eight cells and is ideal for single cell batteries, supercaps, and fuel cells. The split cable design minimizes mutual inductance for optimal low impedance EIS – 1% error down to 1 mOhm at 1 kHz.



Designed to be used in conjunction with a battery cycler (or similar device) or as a stand-alone device for EIS.

Two models are available for flexibility:
The EIS Box 5000 and EIS Box 1010.

Specifications

	EIS Box 5000	EIS Box 1010
Connections	2, 3, or 4	
Floating	Yes	
Voltage range	+/- 6V	+/- 12V
EIS Range	10 uHz to 100 kHz	
EIS Accuracy	See Accuracy Contour Plot (1% error at 1 kHz for 1 mOhm impedance)	
Maximum AC Amplitude	3V or 5A	3V or 1A
Power input	100-240 V, 50-60 Hz, 2.1 A	
Dimensions	5.25" x 19" x 19" (3U high, 19" rack mountable)	
Communication	Ethernet or USB	

