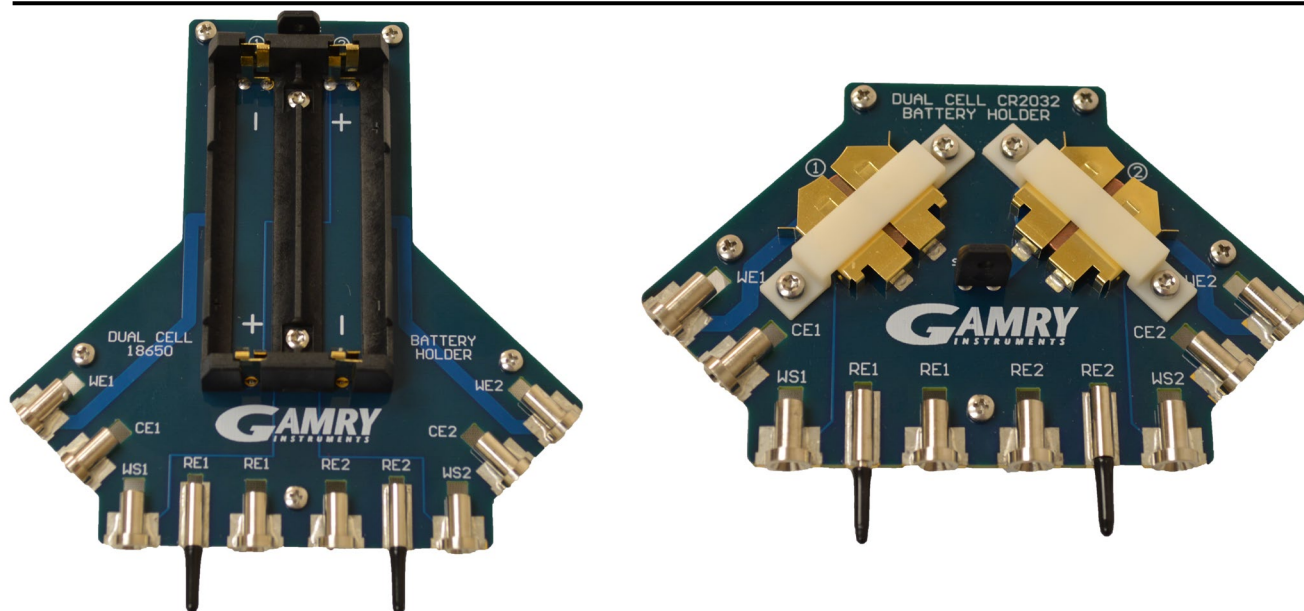


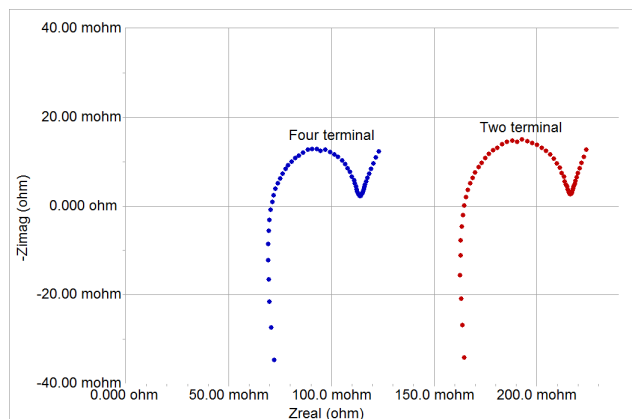
## ***Four-terminal Battery Holders for EIS and Charge/Discharge***



### ***Cell Description***

These two battery holders have been ideally designed for four-terminal Kelvin sensing on 18650s and 2032 coin cells in series or individually. Four-terminal Kelvin sensing negates the additional impedances due to cable connections, thus improving your electrochemical impedance spectroscopy results.

Contacts have been gold-plated to reduce contact impedance and the cable connections have been designed to reduce inductive pickup between the current-carrying leads and the sense leads. The cable connections also ensure a reproducible lead placement, reducing variability in your measurements. The Nyquist plot to the right is a representative plot that shows the effect of the added resistances for a commercially available 18650. Note the shift to higher impedances for HFR and an increase in cell impedance of almost 20%.



Description	Part Number
Dual 18650 Cylindrical Battery Holder	992-00158
Dual 2032 Coin Cell Battery Holder	992-00159

### Specifications

Maximum current rating	10 A @ 20°C
Operating temperature range (holder only)	-50 to +125°C
Dimensions: Dual-18650 Dual CR2032	W: 120 mm, L: 134 mm, H: 32 mm W: 120 mm, L: 89 mm, H: 30 mm

Ihr Ansprechpartner in der DACH-Region:



**C3 PROZESS- UND  
ANALYSENTECHNIK**

C3 PROZESS- UND ANALYSENTECHNIK GMBH  
 Peter-Henlein-Str. 20 | DE 85540 Haar  
[www.c3-analysentechnik.de](http://www.c3-analysentechnik.de) | [info@c3-analysentechnik.de](mailto:info@c3-analysentechnik.de)

**GAMRY**  
INSTRUMENTS

[www.gamry.com](http://www.gamry.com)