

585

Battery Test System

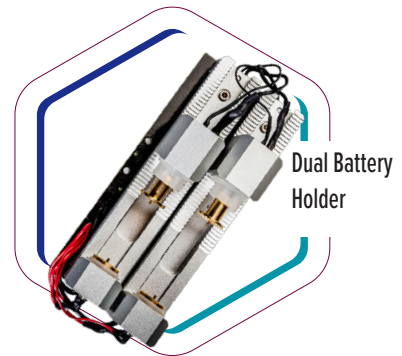
Our 585 Advanced 8 Channel Battery Cycler is an excellent choice for Battery testing and Supercapacitors



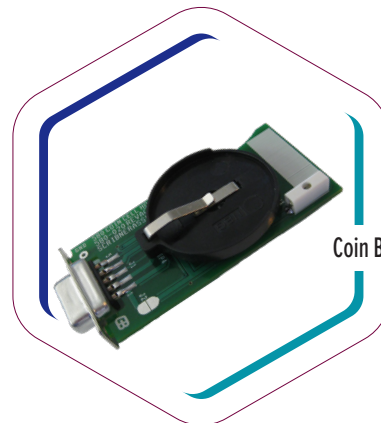
The 585 is suitable for small to medium sized cells.

The 585 features

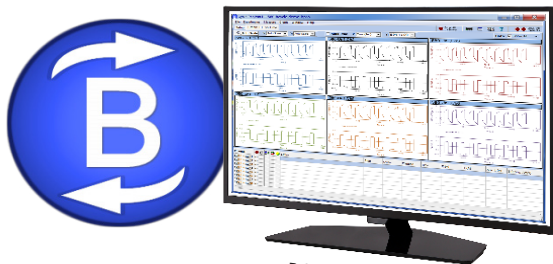
- Each channel is an independent potentiostat/galvanostat
- 6 current ranges - 5 A, 500 mA, 50 mA, 5 mA, 500 μ A, 50 μ A (Auto)
- Gang Channels up to 20 A (2 channels)
- 5 or 6 terminal measurement
- Control modes: current, voltage, power
- HFR for internal resistance
- 100 pts/sec sample rate
- BCycle[®] and BView[®] software – user-friendly, powerful, flexible



Dual Battery Holder



Coin Battery Holder



BCycle Software



Cell Cables Available



SPECIFICATIONS: 585 Battery Test System

Voltage:

Set Voltage	-4 V to +6 V
Compliance Voltage:	-4 V to +6 V
Maximum Current	±5 A (8 channels); ±10 A (4 channels); ±20 A (2 channels)
Current Ranges	5 A, 500 mA, 50 mA, 5 mA, 500 µA, 50 µA (Auto)
Mode	Constant Current, Voltage or Power (charge, discharge)

Control Accuracy:

Voltage	±0.1% of Positive Full Scale (at 25 °C)
Current	±0.2% of Full Scale of Range (at 25 °C)

Measurement Accuracy:

Voltage	±0.05% of Positive Full Scale (at 25 °C)
Current	±0.2% of Full Scale of Range (at 25 °C)

Overload Tolerance:

Current	110% of rating
Voltage	110% of rating
Connection	2, 3, 4, 5 or 6-wire (I+, I-, V+, V-, AUX+, AUX-)
Sampling Rate	Max. 100 Sample/s per channel (with one 585-unit per computer)
Impedance	2 frequency HFR; user-defined frequencies (1 Hz to 1 kHz)
Host Interference	USB, full-speed
Channels	8, independent, not electrically isolated from each other or USB interface
Dimensions	43 cm W x 22.5 cm H x 54 cm D (17 in. x 8.8 in. x 21.3 in.)
Weight	20 kg (42 lbs.)
Environment	5 to 35 ° C
Power	100-240 V, 50/60 Hz