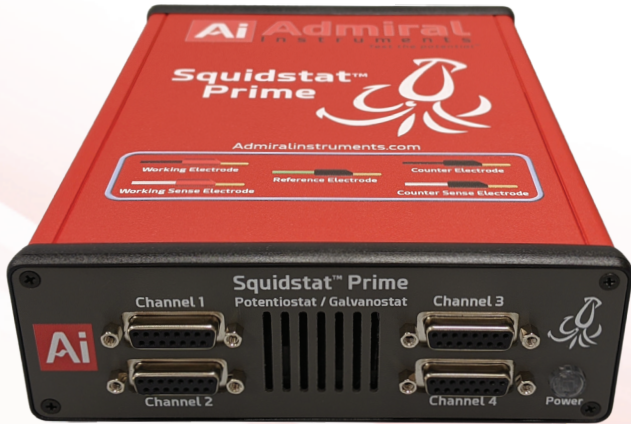


Squidstat™ Potentiostats






DC-only as low as
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EIS up to 2 MHz
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All Squidstats Work Together as Multichannel Systems



Why Choose Us?









-  **Research-grade precision** at widely accessible prices
-  Powerful, compact hardware adds versatility & saves space
-  Increase workflow and save time with intuitive software

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FOUNDATION SERIES	Squidstat Plus	Squidstat Prime	Squidstat Solo
Price Per Unit (\$USD)	\$4,900	\$4,800 (\$1,200/channel)	\$1,900
Channels Per Unit	1	4	1
Multichannel Expansion	Up to 100 units/computer	Up to 100 units/computer	Up to 100 units/computer
Dimensions and Weight	24 cm x 17 cm x 6 cm, 1 kg	24 cm x 17 cm x 6 cm, 1 kg	24 cm x 17 cm x 6 cm, 1 kg
Floating/Ground Mode	Both (switchable)	Both (switchable)	Both (switchable)
Current Range	±1 A	±250 mA per channel	±100 mA
Number of Current Ranges	8 ranges (100 nA to 1 A)	8 ranges (25 nA to 250 mA)	8 ranges (10 nA to 100 mA)
Current Accuracy	0.1% of range, 100 pA min	0.1% of range, 1 nA min	0.1% of range, 1 nA min
Current Resolution	0.003% of range, 3 pA min	0.003% of range, 760 fA min	0.003% of range, 300 fA min
Voltage Scan Range	±10 V	±10 V	±10 V
Number of Voltage Ranges	4 ranges (0.5 V, 1 V, 5 V, 10 V)	1 range (±10 V)	1 range (±10 V)
Voltage Accuracy	0.1% of measured, 1 mV min	0.1% of measured, 1 mV min	0.1% of measured, 1 mV min
Voltage Resolution	0.003% of range, 15 µV min	300 µV	300 µV
EIS Frequency Range	10 µHz to 2 MHz	No EIS, only DC measurements	No EIS, only DC measurements
Potentiostatic EIS Amplitude	≤100% of range, 10 V max		
Galvanostatic EIS Amplitude	≤100% of range, 1 A max		

BOOSTED SERIES	Squidstat Penta	Squidstat Decka	Squidstat Venta
Price Per Unit (\$USD)	\$8,900	\$13,900	\$16,900
Channels Per Unit	1	1	1
Multichannel Expansion	Up to 100 units/computer	Up to 100 units/computer	Up to 100 units/computer
Dimensions and Weight	23 cm x 17 cm x 13 cm, 3.5 kg	23 cm x 17 cm x 13 cm, 3.5 kg	23 cm x 17 cm x 13 cm, 3.5 kg
Floating/Ground Mode	Both (switchable)	Both (switchable)	Both (switchable)
Current Range	±5 A	±10 A	±20 A
Number of Current Ranges	8 ranges (1 µA to 5 A)	9 ranges (1 µA to 10 A)	9 ranges (1 µA to 20 A)
Current Accuracy	0.1% of range, 1 nA min	0.1% of range, 1 nA min	0.1% of range ≤10 A, 0.2% >10 A
Current Resolution	0.003% of range, 30 pA min	0.003% of range, 30 pA min	0.003% of range, 30 pA min
Voltage Scan Range	±10 V	±10 V	±6 V
Number of Voltage Ranges	4 ranges (0.5 V, 1 V, 5 V, 10 V)	4 ranges (0.5 V, 1 V, 5 V, 10 V)	4 ranges (0.5 V, 1 V, 5 V, 6 V)
Voltage Accuracy	0.1% of measured, 1 mV min	0.1% of measured, 1 mV min	0.1% of measured, 1 mV min
Voltage Resolution	0.003% of range, 15 µV min	0.003% of range, 15 µV min	0.003% of range, 15 µV min
EIS Frequency Range	10 µHz to 2 MHz	10 µHz to 2 MHz	10 µHz to 2 MHz
Potentiostatic EIS Amplitude	≤100% of range, 10 V max	≤100% of range, 10 V max	≤100% of range, 6 V max
Galvanostatic EIS Amplitude	≤100% of range, 5 A max	≤100% of range, 10 A max	≤100% of range, 20 A max

5-Electrode Cell Connections

16 GB Onboard Backup Memory

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API For Process Automation

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