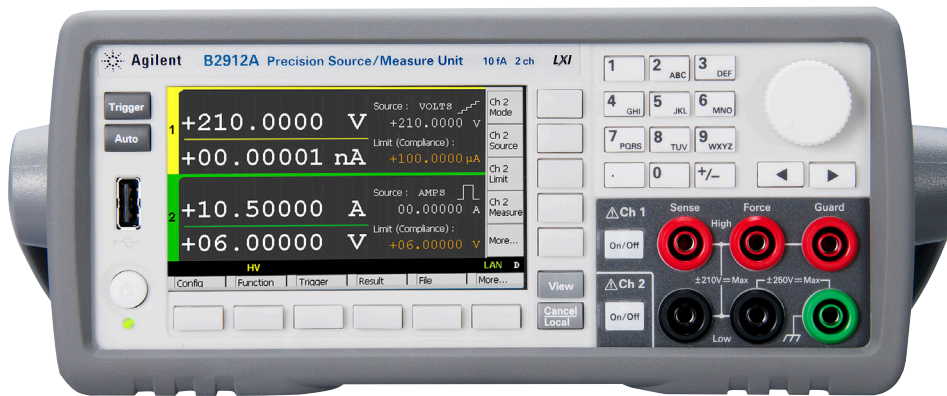


Quick Fact Sheet

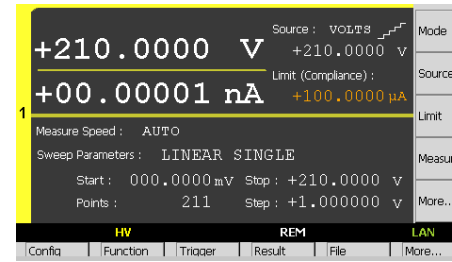
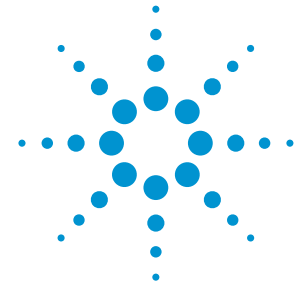
Agilent B2900A Series Precision Source/Measure Unit (SMU) 1Ch/2Ch, 210 V, 3 A DC/10.5 A Pulse, 10 fA/100 nV Resolution

You can quickly debug and accurately characterize a wide range of devices with a single bench-top SMU for a very low cost.

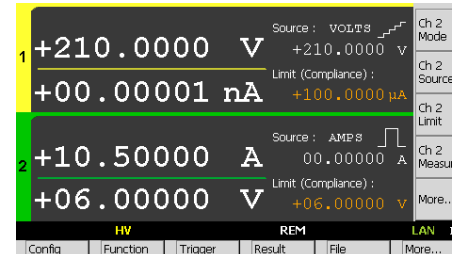


Agilent B2900A series key features

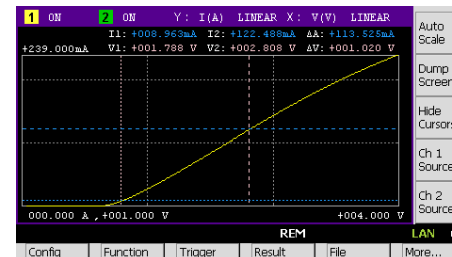
- Wide voltage and current coverage
- High sourcing and measurement resolution
- Innovative GUI on 4.3 inch color LCD



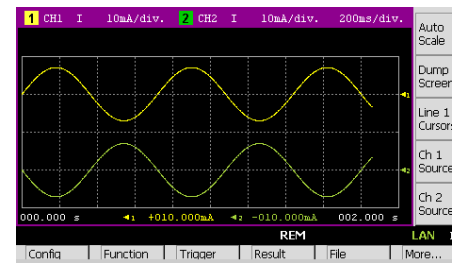
Single View allows you to set items such as integration time, pulse parameters and sweep conditions from the front panel.



Dual View allows you to simultaneously display (on two channel units) the setup and measurement results for both channels.



Graph View displays measurement results on XY graphs (such as I-V and I-t/V-t curves) on 1 or 2 channels directly on the front panel.



Roll View draws time domain I-t or V-t curves similar to the curves drawn by a strip chart recorder. (B2911A and B2912A models only)



Agilent Technologies

Quick Fact Sheet

Agilent B2900A Series of Precision SMUs Key Specifications

Model	No. of channel	Max output		Max digits	Source		Max digits	Measurement		Minimum digitizing interval/minimum programmable interval for waveform	View modes					
		V	I		Min. resolution			V	I		Min. resolution		Single	Dual	Graph	Roll
					V	I					V	I				
B2901A	1	210 V	3.03 A (DC) 10.5 A (Pulsed)	5½	1 µV	1 pA	6½	100 nV	100 fA	20 µsec	√		√			
B2902A	2			6½	100 nV	10 fA	6½	100 nV	10 fA	10 µsec	√	√	√			
B2911A	1			6½	100 nV	10 fA	6½	100 nV	10 fA	10 µsec	√		√	√		
B2912A	2			6½	100 nV	10 fA	6½	100 nV	10 fA	10 µsec	√	√	√	√		

- LXI class C, USB2.0, GPIB, LAN and digital I/O interface are supported.
- USB 2.0 port (memory I/O) on front panel for data import and export.

Options and accessories

Model	Option	Description
B2901A B2902A B2911A B2912A	A6J	ANSI Z540 compliant calibration
	UK6	Commercial calibration certificate with test data
	ABA	User's Guide, English
	ABJ	User's Guide, Japanese
	AB0	User's Guide, Traditional Chinese
N1294A	001	Banana – Triaxial adaptor for 2-wire connection
	002	Banana – Triaxial adaptor for 4-wire connection
N1295A		Device/component test fixture

Refer to Agilent.com website for product details, application notes and other information, visit www.agilent.com/find/b2900a

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information go to www.agilent.com/find/removealldoubt

