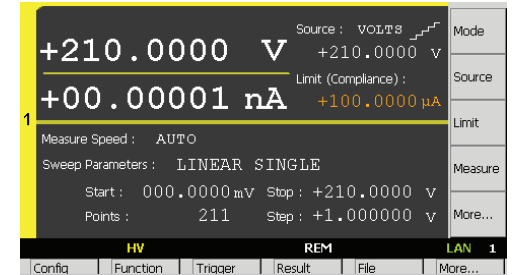
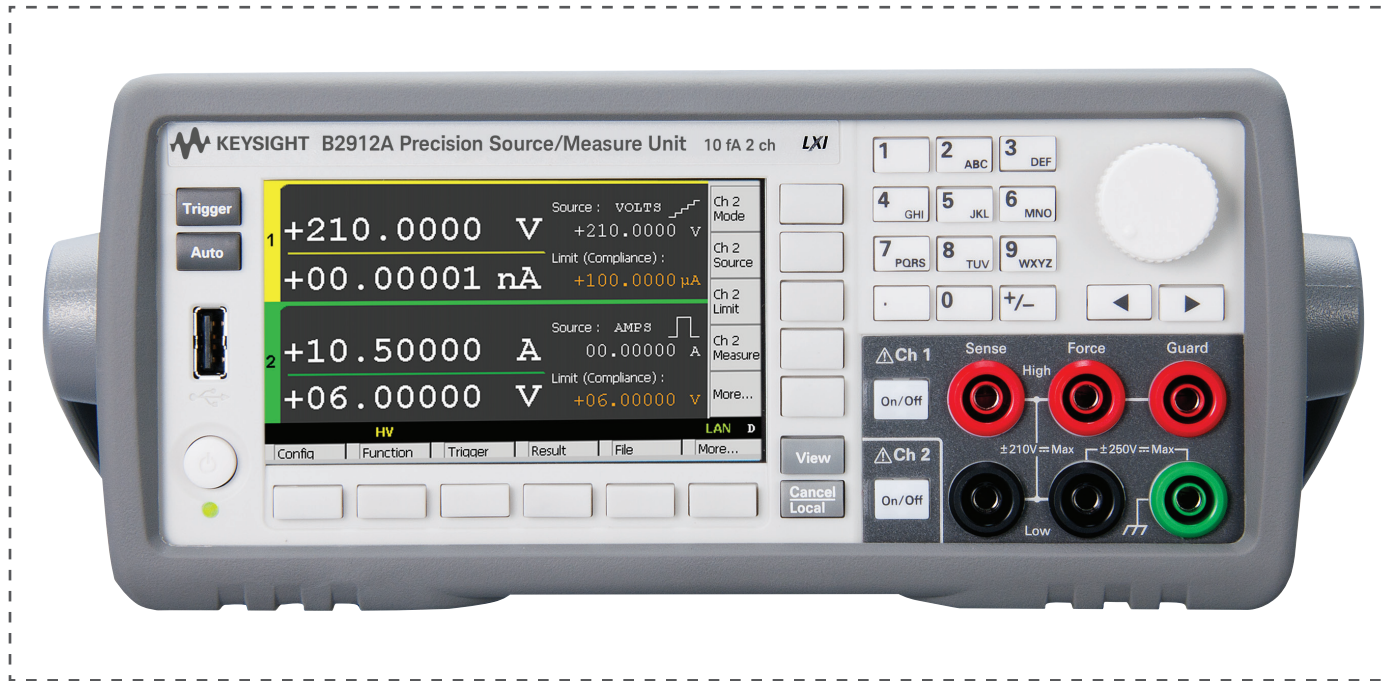
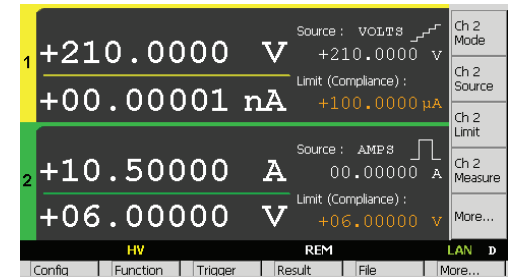


Keysight B2901A/02A/11A/12A Precision Source/Measure Unit (SMU) 1 ch/2 ch, 210 V, 3 A DC/10.5 A Pulse, 10 fA/100 nV Resolution



Easy setting for I-V sweep measurement on a GUI



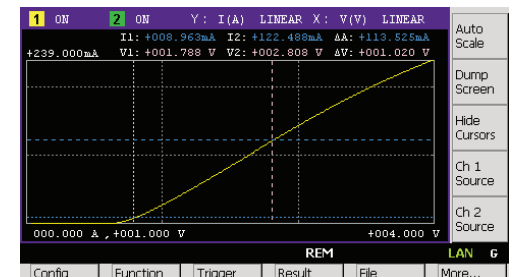
Easy operation for basic setting and measurement

A revolutionary source/measure solution with easy-to-use GUI

- Innovative GUI: I-V (current - voltage) measurement without PC programming
- High sourcing & measurement resolution: 10 fA/100 nV
- Wide application coverage: 210 V, 3 A DC/10.5 A pulsed
- Minimum digitizing interval: 10 µsec

Typical applications

- Optical devices (laser diodes, photo diodes)
- Organic devices (OLEDs)
- Photovoltaic (solar) cells
- Nano-technology materials
- Power management devices (LDOs)
- Semiconductor devices (FETs, transistors)
- Resistors, diodes, varistors, and other component devices



Easy viewing of I-V curve on a GUI

Model	No. of channel	Max output		Source			Measurement			Minimum digitizing interval
		V	I	Max digits	Min. resolution		Max digits	Minimum resolution		
					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									
B2912A	2									

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
	ABO	User's Guide, Traditional Chinese
	AB2	User's Guide, Simplified Chinese
	1CM	Rack mount kit
N1294A	001	Banana – Triaxial adaptor for 2-wire connection
	002	Banana – Triaxial adaptor for 4-wire connection
	031	GPIO-BNC Trigger adapter
N1295A		Device/component test fixture

Keysight B2961A/B2962A low noise power source

If you need more source capabilities, the best choice is Keysight Power Source. See our B2900A series line-up.



To learn more please visit: www.keysight.com/find/precisionSMU

www.keysight.com/find/b2900a

Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



Keysight Assurance Plans

www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

