

Keithley 4200A-SCS Parameter Analyzer

UPGRADE YOUR SYSTEM AND PROTECT YOUR INVESTMENT!

Get Up to 2x Faster Characterization Insight for Your Bold Discoveries

Here's your chance to accelerate I-V, C-V, and ultra-fast pulsed I-V testing of your complex devices for materials research, semiconductor device design, process development, or production. Upgrade your 4200-SCS Parameter Analyzer to the industry's highest performance analyzer – our new 4200A-SCS Parameter Analyzer. **With Keithley's new 4200A-SCS Parameter Analyzer, making connections to your bold discoveries has never been easier. Here's why:**

- Up to 2x faster characterization insight with new Clarius™ GUI-based Software with touch-and-swipe or point-and-click control.
- Reduced complexity and learning curve with built-in, context-sensitive measurement videos and over 250 application tests.
- Easily switch between I-V and C-V measurements or move the C-V measurement to any terminal without re-cabling or lifting probe needles.
- Largest parameter analyzer display in the industry enables more viewing for interactive testing:
 - 1920x1080 HD display.
 - Capacitive touchscreen.
 - 15.6" LCD widescreen.
 - Same 5U chassis height as the 4200-SCS.
- Solid-state hard drive with Windows 10 for fast boot-up and data storage.



The 4200A-CVIV Multiswitch option lets you switch effortlessly between performing I-V and C-V measurements up to 200 V.

Learn what upgrade options are available for your Model 4200-SCS. Contact your local Keithley or Tektronix representative with your system's serial number today or visit www.tek.com/keithley-4200a-scs-parameter-analyzer.

Tektronix®

UPGRADE TO THE HIGHEST PERFORMANCE ANALYZER

www.tek.com/keithley-4200a-scs-parameter-analyzer

Protecting Your Investment with Future-Proofing Technology

Keithley's ongoing commitment to our customers assures you of a cost-effective upgrade path that protects your investment while aligning with innovation to address new and future test challenges.



FUTURE-PROOFING TECHNOLOGY

Each 4200A-SCS is already prepared for the technology of tomorrow with:

- Windows 10 Operating System.
- New single board computer Intel Core i5-4570S.
- New trigger card (PCIe bus).
- Updated power supply for soft shutdown.
- Intelligent cooling system:
 - Increased cooling capability when required by measurement modules.
 - Patent-pending fan control and precision ducting minimize effects on low current measurements and reduce unwanted noise.
- Speakers, headphone jack for instructional videos, webinars etc.

PROTECTING YOUR INVESTMENT

- New application tests and projects will be developed for the new 4200A mainframe, in addition to the already existing context-sensitive measurement videos and application tests.
- Stay updated with Microsoft's security updates and stay compliant with your company's IT policies.
- Instrument modules in your 4200-SCS will be moved to your new 4200A-SCS mainframe.
- Your new 4200A-SCS will receive a factory calibration and one-year warranty on the mainframe.
- Future instrument cards and system improvements will be compatible with only the new 4200A.

SWITCHING SOLUTIONS: 4200A-CVIV MULTISWITCH OPTION

- Lets you switch effortlessly between I-V and C-V measurements.
- Bias C-V measurements with up to 200 V DC.
- C-V measurements can be moved to any output channel without re-cabling or lifting probe needles, allowing user to maintain the same impedance during the I-V and C-V tests by keeping the probe needle on the wafer test site.
- The built-in display provides exceptional, clear test information where you need it, near the device under test:
 - View real-time test status.
 - Rubber bumpers and rotatable text enable three-way orientation on probe station.
 - Personalize output naming convention via Clarius software.
 - Turn off display to reduce light near DUT.



Learn what upgrade options are available for your Model 4200-SCS.

Contact your local Keithley or Tektronix representative with your system's serial number today or visit www.tek.com/keithley-4200a-scs-parameter-analyzer.

