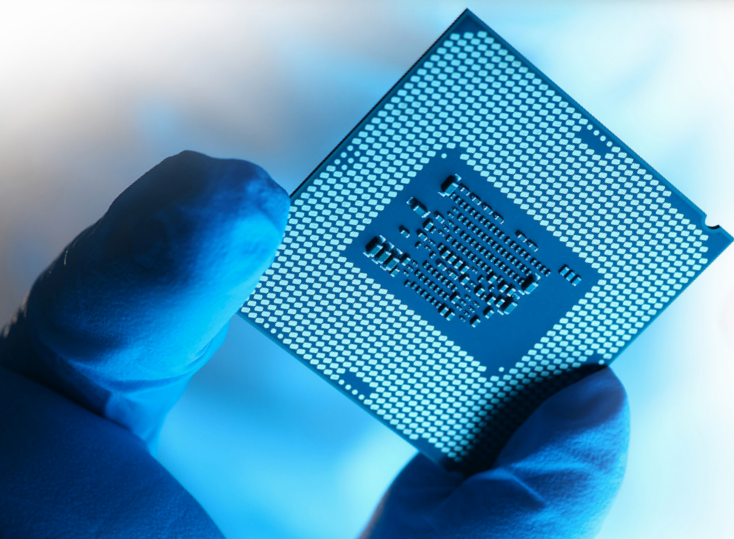




# SGX Series DC Programmable Power Supplies

Stable, Reliable Power for Semiconductor Manufacturing,  
DC Power Source Simulation, Materials Research,  
Electroplating, and Component Test



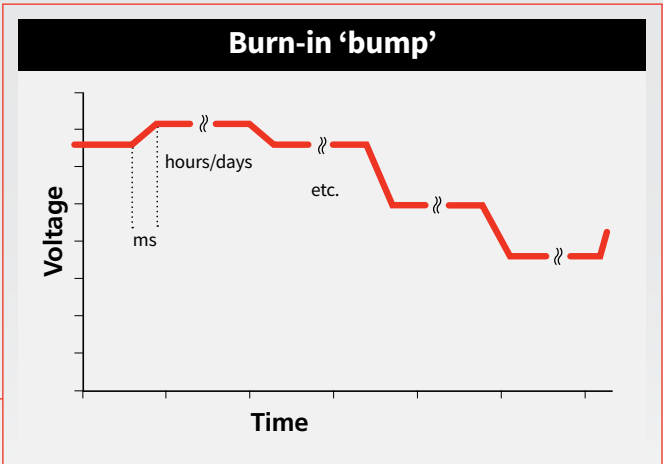
SGX Series air-cooled DC programmable power supplies offer stability, reliability, and other unique features for frontend and backend semiconductor manufacturing as well as fuel-cell, battery, aircraft-bus, and telecom-bus simulation.

### Programmable Power Supplies Made Better

**SGX Series programmable power supplies offer high power densities—up to 30kW in a 6U chassis—and voltage ranges from 0 to 10V to 0 to 1,000V.**

### SGX Series supplies can serve several semiconductor manufacturing applications:

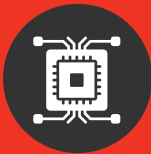
- Frontend ion implantation for doping to produce p-type and n-type semiconductors
- Backend functional test, providing the fast transient currents a device under test requires during the application of test vectors
- Backend burn-in and test, which involves applying a programmed voltage for the hours- or days-long burn-in period
- Discrete power semiconductor test, including accelerated stress screening



## Programming Features Enhance Usability

For maximum flexibility, SGX models let you operate them via the front panel or by standard LXI Ethernet and RS-232 control interfaces, or optional GPIB interface or isolated analog control. A color touchscreen display allows users to quickly access output programming parameters and measurements as well as sequencing, configuration, and system settings.

### Primary Applications



Semiconductor Manufacturing



DC Source Simulation



Component Test



Materials Research

**Discover how reliable, stable programmable power drives advanced semiconductor equipment**

Check out our white paper or contact us directly. **We're here for you!**

