



## Visualize, Analyze, and Test

Introducing the NEW DAQ6510 Data Acquisition/ Logging Multimeter from Keithley Instruments. The only DAQ you'll need.

### Do More with Less Effort Touchscreen User Interface

The New DAQ6510 makes high precision, low level measurements fast, accurate and affordable.

#### 15 MEASUREMENT FUNCTIONS

Temperature, capacitance

#### WIDE MEASURE RANGE

10pA to 10A  
1uohm to 100Mohm

#### EASY TOUCHSCREEN

5 inch (12.7cm)  
Multi touch capacitive

#### SUPER FAST

Digitize @1M Sample/sec

### FEATURES AND BENEFITS

- 80 channel capacity
- 6 ½ digit resolution
- Two lower resistance ranges (1Ω and 10Ω)
  - 1μΩ sensitivity
- Three lower current ranges (1mA, 100uA, 10uA)
- 10pA sensitivity
- Wide temperature handling range
- 25 PPM basic DCV accuracy (@ 10V, first year)
- Digitize 1M samples/second
- No PC required
- Backwards compatible to existing data cards
- Enhanced communication – full emulation
  - TSP Link Interface or SCPI;
  - Standard USB, Ethernet/LXI interface

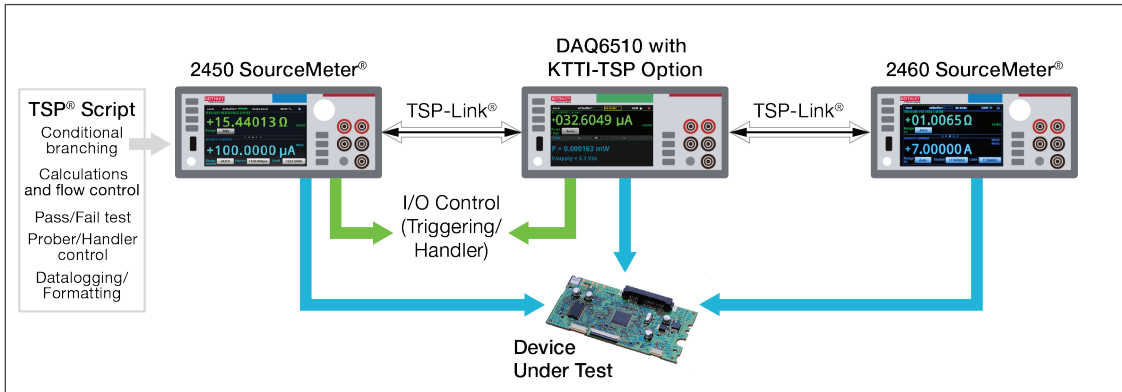
### APPLICATIONS

- Low power / Internet of Things
- Automotive electrification
- Production test
- Environmental test chamber
- Remote monitoring



## Save Test Time in Automated Testing

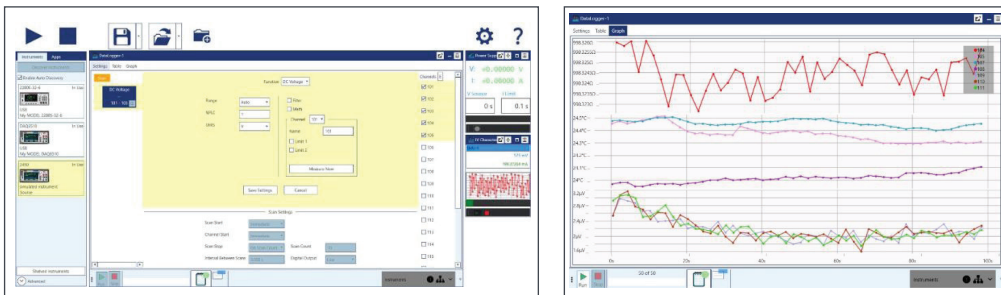
- Maximum throughput with the DAQ6510
- Built-in intelligence to execute a test script, make decisions, and control other instruments
- Keithley's Test Script Processor (TSP®) measurement and control language, either execute existing scripts or write custom scripts to run tests
- TSP® scripting allows running powerful test scripts directly on the instrument, without the need for an external PC controller.



Use a TSP script and the TSP-Link interface to allow a DAQ6510 to execute a test and control other LAN-based instruments without interaction with a computer.

## Data Logging Software Simplifies PC Control, Acquisition, and Analysis

- With KickStart 2.0 software, configure and control multiple data acquisition units.
- For each instrument, KickStart 2.0 includes comparison tools to allow you to plot and overlay data from the run history of earlier tests.



### KICKSTART 2.0 DATA LOGGING APPLICATION

Using the datalogger application to set up, program, and control the DAQ6510. Within minutes, configure channels, set measurement parameters such as limits and trigger sources, and view results in real time.

[TEK.COM/DAQ6510](http://TEK.COM/DAQ6510)

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