

Visualize, Analyze, and Test More

Introducing the NEW DMM6500 Digital Multimeter from Keithley Instruments. The only Digital Multimeter you'll want on your bench.



Do More with Less Effort Touchscreen User Interface

The New DMM6500 makes high precision, low level measurements fast, accurate and affordable!

15 MEASUREMENT FUNCTIONS

temperature, capacitance,
and digitizing

WIDE MEASURE RANGE

10pA to 10A
1uOhm to 100M0hm

EASY DATA ANALYSIS

5 inch
capacitive touchscreen

WAVEFORM CAPTURE

1 Msample/s digitizing

FEATURES AND BENEFITS

- 6 1/2 Digit Resolution
- High Sensitivity and wide ranges
 - 100nV - 1000VDC
 - 1 micro Ohm sensitivity
 - 10pA sensitivity
 - 10A max current
 - -200 degrees C to 1820 degrees C
 - 0.1pf - 100uF
- 10pA sensitivity – up to 10A
- 25 PPM basic DCV accuracy (@ 10V, one year)
- Digitize at up to 1M samples/second
- Enhanced Communication
 - TSP or SCPI command options
 - Standard USB, Ethernet / LXI interfaces
 - 10-channel scan card option

APPLICATIONS

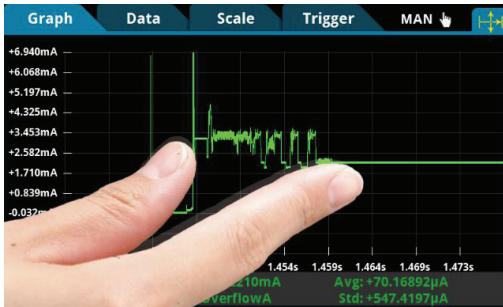
Design and manufacturing test for:

- Battery-operated products / Internet of Things
- Automotive electronics
- Industrial Electronics
- Consumer Electronics

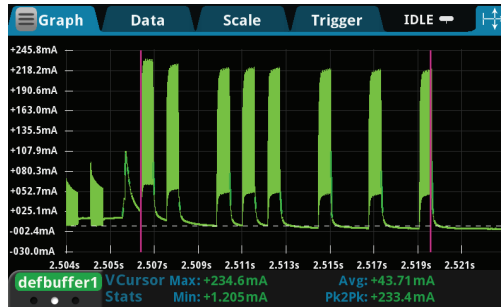


Capture and Analyze Voltage or Current Waveforms

- Built-in 1 MS/sec digitizing function can help capture voltage or current transient events and complex low level waveforms.
- Simplifies analysis with pinch and zoom control, cursors, and statistics.



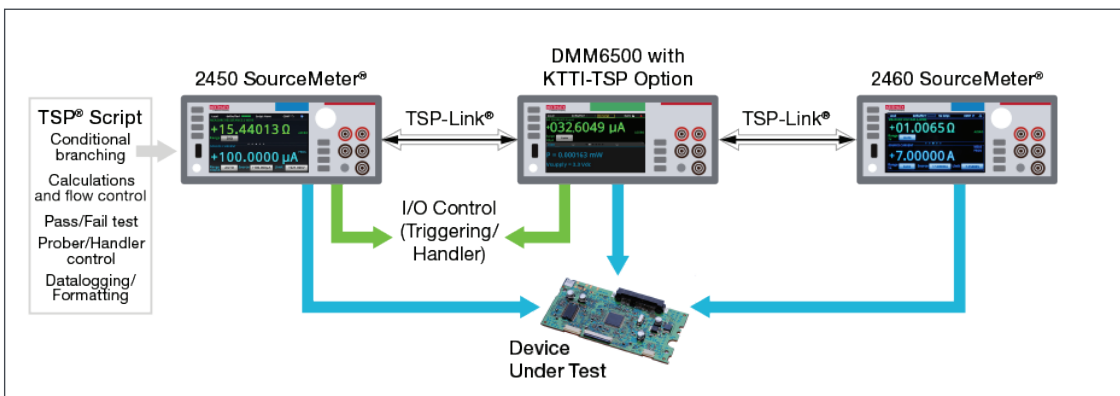
Pinch and zoom simplicity.



Visualize and analyze waveforms.

System Integration and Programming

- Maximum programming flexibility: traditional SCPI programming (default; also SCPI emulation for the Keithley 2000 or the Keysight 34401A to upgrade test systems with minimal software changes.
- Also, Keithley's powerful Test Script Processor (TSP®) programming executes tests without PC control saving PC communication test time in automated test systems.



TSP System using TSP-Link for instrumentation connections.

TEK.COM/DMM6500

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1KA-61370-00 03/18 SMD

