SMU Instrument line adds models for benchtop and R&D applications

For researchers, educators, R&D engineers, and others who must deal with ever-tighter instrumentation budgets, Keithley has added three high value, dual-channel SMUs to the Series 2600B line. The new Models 2604B, 2614B, and 2634B are optimized for benchtop research, product development, student labs, and other settings where tightly integrated operation and high accuracy are important. The Series 2600B SMU line offers both single- and dual-channel models that combine the capabilities of a precision power supply, true current source, 6-1/2-digit multimeter, arbitrary waveform generator, pulse generator, and electronic load in one tightly integrated instrument. Applications range from benchtop I-V characterization to highly automated production test. The resolution is presented as industry-leading (up to 0.1 fA for the Models 2635B and 2636B), which is asserted to be 100x greater than the closest industry competition, to let users discern smaller changes in their measurements. The Series 2600B is compatible with test code developed for Keithley's Model 2400 SourceMeter SMU instrument, which has been an industry standard for more than 15 years. Additional features include USB communications with an external controller, and embedded plug & play I-V testing.

Keithley Instruments, Inc.
888-534-8453, www.keithley.com [1]

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