

# LXI products

newproducts

## VECTOR SIGNAL GENERATOR

The LXI Class C-compliant Model 2910 RF Vector Signal Generator uses specialized synthesizer technology and unique power-leveling techniques to provide fast frequency tuning, amplitude settling, and waveform switching. Features include an intuitive touch-screen graphical user interface, a 1.5-ms settling time, and interfaces for 100Base-T Ethernet, USB, and GPIB.

The 2910's 64-MS arbitrary waveform generator supports simultaneous loading of multiple signal waveforms and 5-ms switching between them. The unit also generates a 200-MHz bandwidth RF signal from analog baseband in-phase and quadrature signals. Optional built-in signal-generation software targets mobile phone testing including GSM, GPRS, EDGE, W-CDMA, cdmaOne, and cdma2000. Users can choose between graphical or tabular methods to edit waveforms or create new ones.

**Keithley Instruments**  
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## SWITCHING AND CONTROL INSTRUMENTS

The L4400 Series of faceless switching and control instruments has a 1U-high, half-rack form factor and is LXI Class C compliant. The four switching products are the L4445A Microwave Switch/Attenuator Driver that controls external switches and attenuators, the 32-channel L4437A Form A/Form C General-Purpose Switch, the L4433A Dual/Quad 4 $\times$ 8 Reed Matrix, and the 40-channel L4421A Armature Multiplexer with latching armature relays.

Rounding out the series are the 64-b L4450A digital I/O with memory and a counter, the four-channel L4451A isolated D/A converter with memory, and the multifunctional L4452A with digital I/O, D/A totalizer input. All seven instruments include connected software and IVI drivers.



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## DIGITAL POWER SUPPLIES

The DLM Series Programmable DC Power Supplies feature a half-rack format and output voltages from 5 V to 600 V. The DCS Series includes 1-kW, 1.2-kW, and 3-kW programmable models in 1U and 2U full rack formats with maximum voltages from 8 V to 600 V and maximum currents from 1.7 A to 350 A.

For both series, an optional Ethernet interface provides LXI Class C compliancy, 10Base-T and 100Base-T protocols, and 16-b control and readback of voltage and current as well as additional control and communications functions. Manual control is via 10-turn front-panel potentiometers. Set-point or actual voltage or current values can be viewed on two 3.5-digit LED displays, and separate LEDs indicate remote programming, shutdown, and overvoltage protection.



**Elgar Electronics**, [www.rsleads.com/614ee-177](http://www.rsleads.com/614ee-177)