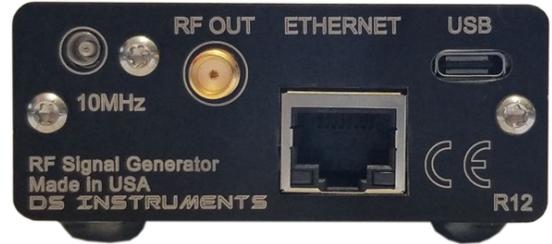




SG12000PRO – 12GHz WIDEBAND MICROWAVE SIGNAL GENERATOR



Welcome to the industry standard for compact high-frequency automated signal generation!

- 2024 PRO Features -

- Programmable trigger input port
- Precise power output level calibration
- Increased dynamic power range
- Ethernet connection standard
- Lower phase-noise than SG12000L
- Smaller frequency step size
- Full-band harmonic filtering
- 26GHz-rated 50-Ohm SMA output
- 10MHz & 100MHz reference ports



- Performance Specifications -

- Calibrated frequency range: 50-12500 MHz
- Extended output from 25-15000MHz
- Power output range: **-40 to +15dBm**
- Un-calibrated power range: -45 to +17dBm typical
- Harmonic levels: < **-35dBc** (0.5-13GHz)
- Power output step size (0-6GHz): 0.25dB
- Power output step size (6-13GHz): 0.50dB
- Fine power tune resolution: 0.05dB typical
- Phase Noise (6GHz): -100dBc @ 10KHz
- Phase Noise (12GHz): -94dBc @ 10KHz
- Dimensions: 2.75" x 1.25" x 5.15"
- Frequency step size: 1Hz
- Frequency change settle time: 2-5mS
- Power input: 5V USB-C (1.50A)
- Internal reference: 10MHz (± 280 PPB TCXO)

Visit us for control software and tech support: www.dsinstruments.com/downloads/



Please see the datasheet for more information.

Thanks for your business!

