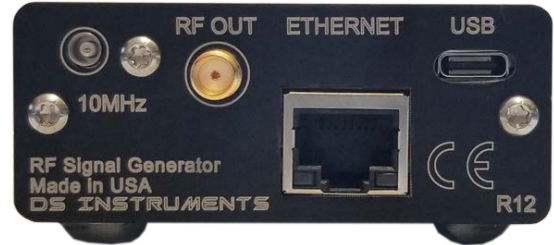




SG12000PRO – 12GHz WIDEBAND MICROWAVE SIGNAL GENERATOR



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

2019 PRO Features!

- Robust USB-C connector
- Precise power output level calibration
- 60dB step attenuator range
- Optional Ethernet connection
- Lower phase-noise than SG12000
- Smaller frequency step size
- Dual reference frequency (10&100MHz)
- Harmonic filtering



Performance Specifications:

- Frequency output range: 50-13000 MHz
- Usable output from 10-15000MHz
- Power output 0-6GHz: -50 to +10dBm (0.25dB steps)
- Power output 6-13GHz: -20 to +10dBm (0.50dB Steps)
- Uncalibrated power max: > +15dBm typical
- Internal variable attenuator: ~15dB (10 bit DAC)
- Phase Noise (12GHz): -94dBc @ 10KHz
- Harmonics: < -30dBc typical (1-13GHz)
- Dimensions: 2.75" x 1.25" x 4.15"
- Frequency step size: 10Hz
- Power input: 5V USB-C (1.25A)
- RF Connectors 18GHz Microwave SMA 50-Ohm
- Reference input: 10MHz & 100MHz MCX connectors
- Internal reference: 10MHz (± 280 PPB TCXO)

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



Please see the datasheet for more information.

Thanks for your business!

