



**BONN HUNGARY
ELECTRONICS**

**SYNTHESIZED
SIGNAL GENERATOR
1 – 80 MHz**

**BGSI
Family
NDS # 400**

an ISO 9001 Certified Company

- **HIGH RESOLUTION OF 0.01Hz**
- **LOW PHASE NOISE**
- **DIGITAL SWEEP**



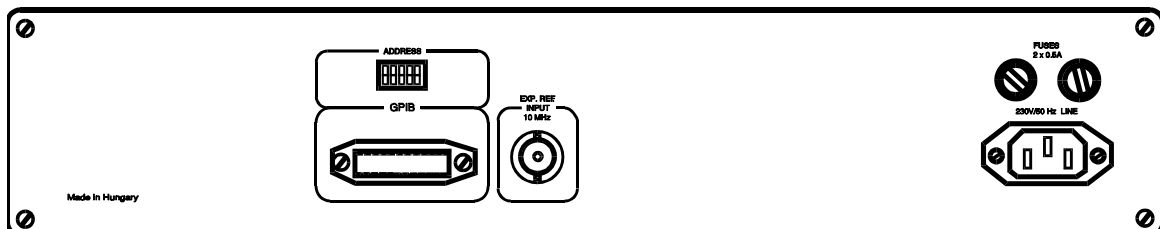
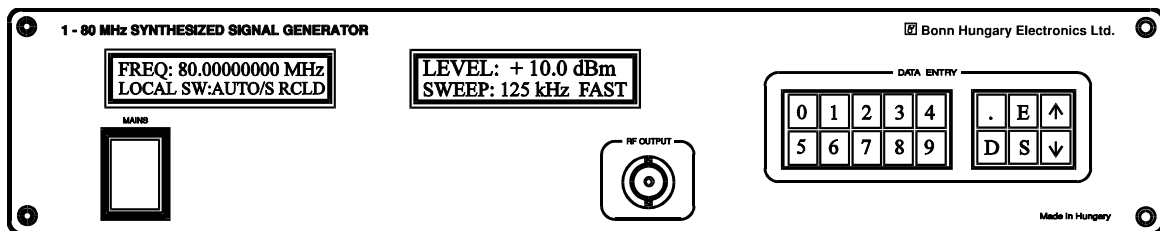
This synthesized signal generator is intended for use in test and measurement applications up to the VHF frequency range. Due to the high stability, low phase noise and extremely fine frequency resolution of 0.01 Hz, this instrument can be used effectively to solve critical measurement tasks. All the control functions can be accessed from the front panel keypad or via the built-in IEEE-488 remote control bus. The instrument is housed in a 19" rack mountable cabinet to make system measurements easy.

ELECTRICAL CHARACTERISTICS :

Nominal Operating Frequency Range	1 to 80 MHz
Smallest Frequency Step	0.01 Hz
Frequency Stability	0.01 ppm/day
External Reference Frequency	10 MHz
External Reference Level	0 to +3 dBm
Frequency Sweep	10 KHz to 500 KHz
Sweep times	25 msec, 250 msec, 2.5 sec
Non-volatile Memory	10 front panel settings
Display	two backlighted 2 x 16 character LCD display
Operation	from keypad
Remote Control	via IEEE-488
Output Level	-10 to +13 dBm
Output Level Accuracy	1 dB
Output Level Resolution	0.1 dB
Spurious	< -70 dBc
Harmonics	< -30 dBc
SSB Phase Noise @ 1 KHz	-100 dBc/Hz
Supply Voltage	230V/50 Hz AC
Operating temperature range	-30 to +85 °C
Mechanical Outline	19" rack mountable, 2U height, 255 mm deep

Specifications are subject to change without notice.

FRONT and REAR VIEW:



BONN Elektronik
RF Systems, Instruments and Components



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