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TECHNOLOGY GROUP

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Find the *Instek GSG-120* at our website: ***Click HERE***

FM/AM Signal Generator



GSG-120 (MONO)



GSG-122 (STEREO)



GRC-1201

FEATURES

* Freq Range 100kHz ~ 110MHz
* Output Level -19 ~ + 99 dBu
* All Operations are Controlled by Microprocessor
* Memory Stored from 10 Points in one Block can be up to 100 Continuous Points in Blocks and 4 Output Levels
* Memory Data Copied
* Back Space key
* Remote Controlled
* FM Stereo Modulation (GSG-122 only)

SPECIFICATIONS

FREQUENCY

Range	100kHz ~ 110MHz
Display	6 digits 0.5" LED display
Resolution	100Hz (0.1 ~ 34.999MHz), 1kHz (35 ~ 110MHz)
Accuracy	±5 x 10^{-5} ±1count

OUTPUT

Range	-19dBu ~ +99dBu, 1dBu steps (0dB: 1μV for open end)
Display	2 digits LED display
Resolution	1dB
Attenuator Accuracy	20 ~ 99dBu± 1.5dB 19dBu ~ -10dBu ±2dB, -11dBu ~ -19dBu± 3dB
Spurious	-30dB or less
Impedance	50Ω (VSWR<1.2)
Frequency Response	±1.5dB

RESIDUAL MODULATION (S/N)

Post-Detection BW	50Hz ~ 20kHz
FM Component	<200Hz
AM Component	>50dB

MODULATION

Internal Modulation	400Hz, 1kHz, 3kHz,±3% (GSG-120) 400Hz, 1kHz, ±3% (GSG-122)
EXT Input Impedance	Approx. 10kΩ

FREQUENCY MOD.

Frequency Deviation	0 ~ 100kHz
Display	3 digits LED Display
Meter Accuracy	±10%
Distortion (at 75kHz Deviation)	<0.1%, <0.05% (10.7, 65 ~ 110MHz)
EXT MOD. Freq. Response	20Hz ~ 100kHz ±1dB (REF 1kHz)(GSG-120) 50Hz ~ 15kHz ±1dB (REF 1kHz)(GSG-122)
Separation	>55dB (GSG-122 only)
Pilot Frequency	19kHz±2Hz (GSG-122 only)

AMPLITUDE MOD.

MOD. Depth	0 ~ 60%
Display	3 digits LED display
Accuracy	±5%
Distortion (30% AM)	<0.5% (0.1 ~ 30MHz), <1.5% (30 ~ 110MHz)
EXT. Bandwidth	20Hz ~ 10kHz±1.5dB (REF 1kHz)
Input Level	3Vp-p±2%
Preset Function	100 sets Four presetting output levels can be stored

POWER SOURCE

AC100V/120V 60Hz, 220V/240V ±10%, 50/60Hz

ACCESSORIES

Instruction manual x 1, Power cord x 1,GTL-110 x 1,

DIMENSIONS & WEIGHT

430(W) x 110(H) x 250(D) mm, Approx. 6.5kg

ORDERING INFORMATION

GSG-120	MONO FM/AM Signal Generator
GSG-122	STEREO FM/AM Signal Generator
GRC-1201	Remote Control for GSG-120 or GSG-122

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