

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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Find the *Instek GRG-450B* at our website: ***Click HERE***

RF Generator / Audio Generator





GRG-450B (RF GENERATOR)

FEATURES

* Frequency Range from 100kHz ~ 150MHz (up ~ 450MHz on Harmonics)
* Int/Ext AM Modulation, 0 ~ 100%
* Frequency Monitor Output for EXT Frequency Counter

SPECIFICATIONS

MAIN OUTPUT	
Frequency	100kHz ~ 150MHz (up to 450MHz on harmonics)
Range	A 100 ~ 290kHz B 290 ~ 900kHz C 0.9 ~ 3.0MHz D 3.0 ~ 11MHz E 10 ~ 35MHz F 32 ~ 150MHz (96 ~ 450MHz, calibrated harmonics)
Accuracy	±5%
Level	100mVrms approx up to 35MHz
Level control	High/Low switchable and fine control
AMPLITUDE MODULATION	
Internal	Frequency: 1kHz Percentage: 30% max and adjuster
External	Frequency: 50Hz to 20kHz Sensitivity: less than 1Vrms
AUX OUTPUT	Audio Output Frequency: 1kHz Level: 1 Vrms MIN, fixed
FREQUENCY MONITOR	Frequency: Oscillation frequency Level: 50mVrms MIN
POWER SOURCE	AC 100/115/230V ±10% , 50/60Hz
ACCESSORIES	Instruction manual x 1, Power cord x 1, GTL-110 x 1
DIMENSIONS & WEIGHT	247(W) x 158(H) x 140(D)mm, Approx. 2.5kg

ORDERING INFORMATION

GRG-450B	150MHz RF Generator

GAG-809/810 (AUDIO GENERATOR)

FEATURES

* Frequency from 10Hz ~ 1MHz
* 0.02% Low Sine wave Distortion (GAG-810 Only)
* 6 Steps Output Attenuator
* EXT SYNC Function

SPECIFICATIONS

SINE WAVE CHARACTERISTIC	
Frequency Range	10Hz ~ 1MHz, 5 Ranges
Frequency Indicator	Dial Scale
Frequency Accuracy	±(3% + 1Hz)
Output Voltage	5 Vrms (600Ω load)
Frequency Response	10Hz ~ 1MHz±0.5dB(at 600Ω load) Reference Frequency (1kHz)
Distortion Factor	500Hz ~ 20kHz 0.02% or less (GAG-809 0.1%) 100Hz ~ 100kHz 0.05% or less (GAG-809 0.3%) (x 10 range for 100Hz, x 1k range for 100kHz) 50Hz ~ 200kHz 0.3% or less 20Hz ~ 500kHz 0.5% or less 10Hz ~ 1MHz 1.5% or less
SQUARE WAVE	
Output Voltage	10Vp-p or more (no load)
Overshoot	2% or less (at 1kHz, max output)
Rise & Fall Time	Less than 200nS
Duty Ratio	50%±5%
EXT. SYNCHRONIZATION	
Synchronizing Range	±1%/Vrms
Max. Allowable Input	15V (DC + AC peak)
Input Impedance	150k ohm
OUTPUT	
Output Impedance	600Ω
Output Attenuator	0, -10, -20, -30, -40, -50dB 6 ranges (accuracy±1dB at 600Ω load)
POWER SOURCE	AC 100/120/220/230V±10% , 50/60Hz
ACCESSORIES	Instruction Manual x 1, Power cord x 1, GTL-103 x 1
DIMENSIONS & WEIGHT	130(W) x 210(H)x292(D)mm , Approx 3 kg

ORDERING INFORMATION

GAG-809	1MHz Audio Generator
GAG-810	1MHz Audio Generator with 0.02% Low Sine Wave Distortion

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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