

F8-LG100

Features

- .DDS technology design, ultra-low power consumption
- .Frequency range: 0.01Hz~30kHz
- .High frequency accuracy: $\pm 5 \times 10^{-6}$
- .High frequency stability: $\pm 1 \times 10^{-6}$
- .Max frequency resolution: 0.01Hz
- .Low distortion sine wave: <0.8%
- .Audio input and power output



F8-LG100

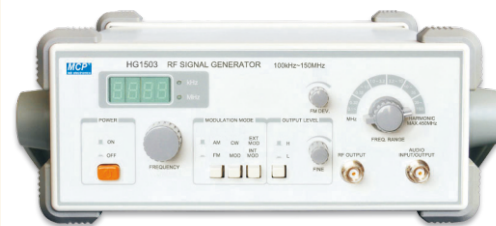
Technical Data

Main output	Output frequency	0.01Hz ~ 30kHz
	Output waveforms	Sine, Square, Triangle
	Frequency accuracy	$\pm 5 \times 10^{-6}$
	Frequency resolution	0.01Hz
	Frequency stability	$\pm 1 \times 10^{-6}$
	Output amplitude	0.2~20Vp-p (no load)
	Amplitude accuracy	$\pm 10\%$ (1kHz, 20Vp-p)
	Impedance	$50 \Omega \pm 10\%$
	DC offset	$\pm 5V$ (no load)
	Display	3 digits LED for frequency display
Sine wave	Distortion factor	$\leq 0.8\%$ (at 1kHz)
Square wave	Rise or fall time	$\leq 5 \mu s$
Triangle wave	Linear	$\geq 98\%$ 100Hz~100kHz
Audio input	Frequency range	20Hz~20kHz
	Voltage gain	0~40dB
	Power output	$\geq 1.5W$ (4 Ω load) $\geq 3W$ (8 Ω load)
VCF	Input voltage	0~5V
	Input impedance	$10k \Omega \pm 10\%$
	Frequency change	0 to the current set of frequency value
Power output	Output amplitude	$\geq 20Vp-p$ (no load) $\geq 18Vp-p$ (10 Ω load)
	Output impedance	$\leq 4 \Omega$
	Output current	$\geq 0.6A_{rms}$
Power supply		110~127 VAC $\pm 10\%$, 220~240VAC $\pm 10\%$, 50Hz $\pm 2Hz$ / 60Hz $\pm 2Hz$
Dimensions		240(W) \times 90(H) \times 170(D)mm
Weight		1.5 kg

HG1503

Feature

- .Frequency cover 100kHz~150MHz, harmonic up to 450MHz
- .Output level continuously adjustable
- .AM and FM function
- .Four digits output frequency display
- .High amplitude stability with output ALC
- .Microprocessor control, multiple functions, easy to use
- .Compact and high reliability, MTBF ≥ 3000 hour



HG1503

Technical Data

HG1503

Output frequency	100Hz~150MHz (450MHz), 6 ranges
Output amplitude	0~60mVrms, 2 ranges
Output impedance	50Ω
Modulation	AM, FM
Int. modulation	1kHz
Ext. modulation	50Hz~20kHz
Audio signal output	$> 1.5V_{rms}$, 1kHz, sine (<3% distortion)
Power supply	110 ~ 127VAC $\pm 10\%$ / 220 ~ 240VAC $\pm 10\%$, 50Hz $\pm 2Hz$ / 60Hz $\pm 2Hz$
Dimensions (W \times H \times D)	295 \times 110 \times 280 mm
Weight	3kg