

SG100 RF Signal Generator

digimess® concept

Order No: HUC 63-00

CE



The **digimess®** SG100 is a very competitively priced microprocessor controlled RF signal generator. The unit covers the frequency 100kHz to 150MHz (450MHz 3rd harmonic) in 6 ranges. A fine adjust control allows precise frequency selection and the set frequency is displayed by a 4 digit LED readout. The generator also includes both internal and external AM and FM modulation as well as an audio signal output. The SG100 is supplied with an operating manual, BNC lead and a mains lead.

Specification	
Frequency ranges	Range 1) 100kHz - 320kHz
	Range 2) 320kHz - 1MHz
	Range 3) 1MHz - 3.2MHz
	Range 4) 3.2MHz - 10MHz
	Range 5) 10MHz - 35MHz
	Range 6) 35MHz - 150MHz (450MHz on 3rd harmonic)
Output amplitude	0 – >300mVrms continuously variable , impedance 50ohm
Modulation FM, AM	Internal 1kHz sine wave, max AM modulation depth 30%
	External 50Hz - 20kHz
Audio output	Frequency 1kHz +/- 20%
	Distortion < 3%
	Output amplitude > 1.5Vrms, max input amplitude 1.5Vrms
Display	4 digit LED, accuracy +/- 5 digits
Input voltage	220V +/- 10% 50Hz +/- 5%
Weight	3kg
Dimensions W x L x H	293 x 240 x 90mm