

# SG100 RF Signal Generator

**digimess®** concept

Order No: HUC 63-00

**CE**



**S J ELECTRONICS**  
POWER • TEST & MEASUREMENT

**0800 583 44 55**

Tel: +44 1536 416 200

Fax: 0800 583 55 66

sales@sjelectronics.co.uk

www.sjelectronics.co.uk

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 operating manual and mains lead.

## Specification

<b>Frequency ranges</b>	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)
<b>Output amplitude</b>	0 – >300mVrms continuously variable
<b>Modulation FM, AM</b>	Internal 1kHz sine wave
	External 50Hz - 20kHz
<b>Audio output</b>	Frequency 1kHz +/- 20%
	Distortion < 3%
	Output amplitude > 1.5Vrms
<b>Display</b>	4 digit LED
<b>Input voltage</b>	110/220V +/- 10% 50Hz +/- 5%
<b>Weight</b>	3kg
<b>Dimensions W x L x H</b>	293 x 240 x 90mm