

# FG200 2MHz Sweep Function Generator

**digimess®** concept

Order No: HUC 61-00

**CE**



The **digimess®** FG200 is a general purpose microprocessor controlled 2MHz sweep function generator. The unit features a power up self-test and is operated by a combination of soft touch buttons and rotary controls, resulting in a modern and easy to use instrument for engineers of all levels. This versatile instrument includes a 5 digit frequency display for internal or external signals and a 3 digit output amplitude display. The frequency, amplitude and attenuation ranges are indicated by leds as well as the selected waveform shape, the unit also includes both internal and external frequency sweep modes. The instrument is supplied with an operating manual, bnc test lead

<b>Specification</b>	
<b>Frequency range</b>	0.2Hz to 2MHz in 7 decade ranges
<b>Frequency accuracy</b>	+/- 0.5%
<b>Output waveforms</b>	Sine, square and triangle
<b>Output impedance</b>	50ohm
<b>Output voltage</b>	1mVpp to 10Vpp (into 50ohm load) 1mVpp to 20Vpp (into 1kohm load)
<b>Attenuation</b>	0dB, -20dB, -40dB, -60dB
<b>TTL output voltage and impedance</b>	< 0.8V and > 3V, 600ohm
<b>Offset</b>	-5V to +5V
<b>Duty cycle</b>	20% to 80%
<b>Sine wave distortion</b>	< 2%
<b>Triangle wave non-linearity</b>	< 1%
<b>Square wave rise time</b>	< 100nS
<b>Sweep modes</b>	Internal linear, Internal log, External sweep
<b>External counter input</b>	0.2Hz to 20MHz
<b>Input voltage</b>	110/220Vac +/- 10% 50Hz max 30W
<b>Dimensions W x L x H and weight</b>	265 x 215 x 90mm, 2kg