

# FG200 2MHz Sweep Function Generator

**digimess<sup>®</sup> concept**

Order No: HUC 61-00

**CE**



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The **digimess<sup>®</sup>** 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 and power cord.

## Specification

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