



## Function generators 2 & 3MHz with or without frequency counter



REF.	GFG8219	GFG8215	GFG820G	SFG1013
Waveforms	sine - square - triangle - pulse - TTL - CMOS - (GFG8219 only : AM - FM)			sine - square - pulse - TTL
Frequency	0,01Hz to 3,3 MHz - 7 ranges		0,01Hz to 2,2 MHz - 7 ranges	0,1Hz to 3 MHz - 7 ranges
Output voltage	20 Vpp on 600Ω 10Vpp on 50Ω			
Attenuators	2 : -20dB ±1dB		1 : -20dB ±1dB	1 : -40dB
Offset	Continuously variable from -10V to +10V into 600Ω			
Duty	variable from 20% to 80% Calibrate to 50%		variable from 10% to 90% Calibrate to 50%	variable from 25% to 75% Calibrate to 50%
TTL output	≥ 3Vpp . Rise time ≤25ns. Load : 20 TTL gates			
CMOS output	Adjust 4Vcc to 14,5Vpp. Rise time < 120ns			no
Sinus	1% from 0,3Hz to 200kHz.		1% from 0,2Hz to 200kHz.	>-55dBc 0,1Hz to 200kHz.
Triangle	Linear and symetry > 98% from 0.1Hz to 100kHz >95% after			
Square	Rise time < 100ns (120ns for GFG820G) - Symétry : 2% from 0,2Hz to 100kHz (5% for SFG1013)			
VCF	Input impedance 10kΩ - Δf/f = 1/10 for a voltage step of 10VDC			no
Internal sweep	Δf/f variable from 1/1 to 1/100	no	no	no
Amplitude modulation	Depth of modulation 0 to 100 %	no	no	no
Frequency modulation	yes	no	no	no
Frequency ranges	Internal 0,01 Hz to 3,3 MHz External 0,01 Hz to 150 MHz / 6digits	no	internal : 0,01 Hz to 2,2MHz / 4digits	internal : 0,1 Hz o 3MHz / 6digits
Protection	against overload			
CEI1010	CATII 250Vrms pol2		CATII 300Vrms pol2	
Power source	115 - 230 VAC 50/60Hz		120 - 230 VAC 50/60Hz	115 - 230 VAC 50/60Hz
Dimensions	251 x 91 mm. Depth 291mm		230 x 95 mm. Depth 280mm	251 x 91 mm. Depth 291mm
Weight	2kg		2kg	2,1kg

### ADDITIONAL ACCESSORIES

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