

Function generator



DDS TECHNOLOGY (HIGH STABILITY)

- sine - square - pulse - triangle - TTL
- Variable DC offset . Duty control
- Frequency independent of the duty ratio
- Frequency : 0.1Hz to 3 MHz Stability 20ppM
- Built-in 6 digits counter int/ext
- Output voltage displayed
- Output overload protection
- Attenuator 0 -40dB

REF	SFG1013
WAVEFORMS	sine - square - pulse - triangle - TTL
FREQUENCY	0.1Hz to 3 MHz 7 ranges
RANGES	x1 x10 x100Hz x1 x10 x100kHz x1MHz
VARIABLE	from 0.1 to 3
PRECISION	20 ppm
OUTPUT VOLTAGE	20 Vpp into 600Ω 10Vpp into 50Ω
FIXED ATTENUATORS	
VARIABLE CONTROL	Continuously variable from -40dB ± 1 dB
OUTPUT IMPEDANCE	50 Ω ± 10%
OVERLOAD PROTECTION	Protected against all short circuits, also permanents
OFFSET	Continuously variable from -10V to +10V into 600Ω
DUTY	Variable 25% to 75% - Calibrate to 50%
TTL OUTPUT	± 3Vpp . Rise time < 25ns Load: 20TTL gates
DISTORSION	Harmonic distorsion
SINUS	1% from 0.5Hz to 100kHz.
TRIANGLE	Linear and symetry > 98% from 0.1Hz to 100kHz >95% after
SQUARE	Rise time < 40ns into 50Ω Symetry : 5% from 0,1Hz to 100kHz
COUNTER	6 DIGITS
MODE	Internal
FREQUENCY RANGES	Internal 0.1 Hz to 3 MHz
SUPPLY	115 - 230 VAC 50/60Hz
DIMENSIONS / WEIGHT	251 x 91 Depth 291mm. Weight 2.1kg