

SPECIFICATIONS

	SG1639A	SG1639B
Main output		
Output frequency	0.03Hz ~ 3MHz	0.06Hz ~ 6MHz
Output waveforms	Sine wave, Square wave, Triangle wave and etc.	
Output impedance	50Ω ±10%	
Output amplitude	≥20Vp - p (No Load)	
Output attenuation	0dB / 20dB / 40dB/60dB	
DC offset	0 ~ ±10V adjustable	
Symmetry	10% ~ 90%	
Sine wave		
Distortion factor	10Hz ~ 100kHz < 1%	
Frequency response	0.2Hz ~ 100kHz ≤ ±0.5dB; 100kHz ~ 2MHz ≤ ±1dB	
Square wave		
Rise or fall time	<100ns	
TTL output		
Rise or fall time	≤1μs	
Low level	≤0.4V	
High level	≤3.5V	
Impedance	600Ω	
VCF		
Input voltage	-5V ~ 0V	
Input impedance	10KΩ ±10%	
Counter		
Display	5 digits	
Frequency range	1Hz ~ 15MHz	
Input impedance	≥1MΩ/20pF	
Sensitivity	100mVrms	
Accuracy	0.1Hz/1Hz/10Hz/100Hz	
Error	≤0.003%±1 digit	
Max. input voltage	150V (AC+DC) (with attenuator)	
Input attenuation	0dB/20dB	
Power source	110 ~ 127VAC±10%/220 ~ 240VAC±10%, 50Hz±2Hz/60Hz±2Hz	
DIMENSIONS & WEIGHT	310 x 80 x 230mm (WxHxD) Approx 1.75kg	

