0.1Hz to 10MHz Benchtop Function Signal Generator Model: LW1645

Features:

- Frequency of the mode: 5MHz/ 10MHz/15MHz
- Output waveform: Sine, Triangle, Square, ramp ±Pulse
- TTL/CMOS and OUTPUT synchronous output
- Less than 1% distortion at 10Hz-- 100 KHz
- Less than 0.5dB frequency response at 0.1Hz--- 100 KHz
- 1Hz---30MHz frequency counte

Specifications	LW1641	LW1642	LW1643	LW1645
Frequency	0.1Hz-2MHz	0.1Hz-5MHz	O.lHz- lOMHz	0.1Hz-15MHz
Output Waveforms	Sine, triangle, square, positive and negative pulse, positive and negative ramp			
Output Impedance	50Q±10%			
Amplitude	Not less than 50Vp-p (open circuit)			
DC Voltage	0～±10V continuously adjustable			
Symmetry Range	90:10-10:90			
Rising Edge of Square	Less than 100ns	Less than 50ns	Less than 35ns	Less than 35ns
Sine Characteristic				
Distortion	Less than 1% at 10H-100KHZ			
Frequency Response	O.lHz- lOOMHz: <± 0.5dB 100 KHz-5MHz S±ldB (LW-1642) 100KHz~2MHz: S±ldB (LW1641)			
TTLyCMOS Output				
Level	Level: TTL low level less than 0.4V in pulse wave, high level less than 3.5V,CMOS low less tan 0.5V in pulse wave, high level 5V--14V continuously variable.			
Rising Time	Less than 100ns			
VCF Input				
Output Voltage	-5V~0V ± 10			
Max.volt-	1000:1			

Input Signal	DC-lKHz
Frequency Counter	
■Measuring Range	lHz-10MHz›10Vp-p
Input Impedance	Not less than 1MQ/20F
Sensitivity	lOOmVrms
Max. Input	150V(AC+DC)
Input Attenuation	20dB
Accuracy Line Power	Less than 0.003%± 1 digit 220V/110V± 10% 50Hz/60Hz
Dimension	270*225*90mm
Weight	N.W. About 2.5Kg

Built-in Seven Waveforms

Sine wave, triangle wave, square wave, oblique wave, positive sawtooth wave, negative sawtooth wave, positive pulse wave, negative pulse wave

Frequency range: 0.1HZ-2MHz

Frequency range

0.1Hz-15MHz(LW-1645)

0.1Hz-10MHz(LW-1643)

0.1Hz-5MHz(LW-1642)

High Accuracy and Small Frequency Error

TTL/CMOS Output

TTL Pulse, low level higher than 0.4V, high level not less than 3.5V
The low level of COMS pulse wave is not more than 0.5V, and the high level is 5V-14V continuously adjustable

Good Quality Comes From
20 Years of Focus

Products from home to abroad

We have been persisting and making progress for 20 years

AM/FM Internal & External modulation

Linear / Logarithmic Sweep function

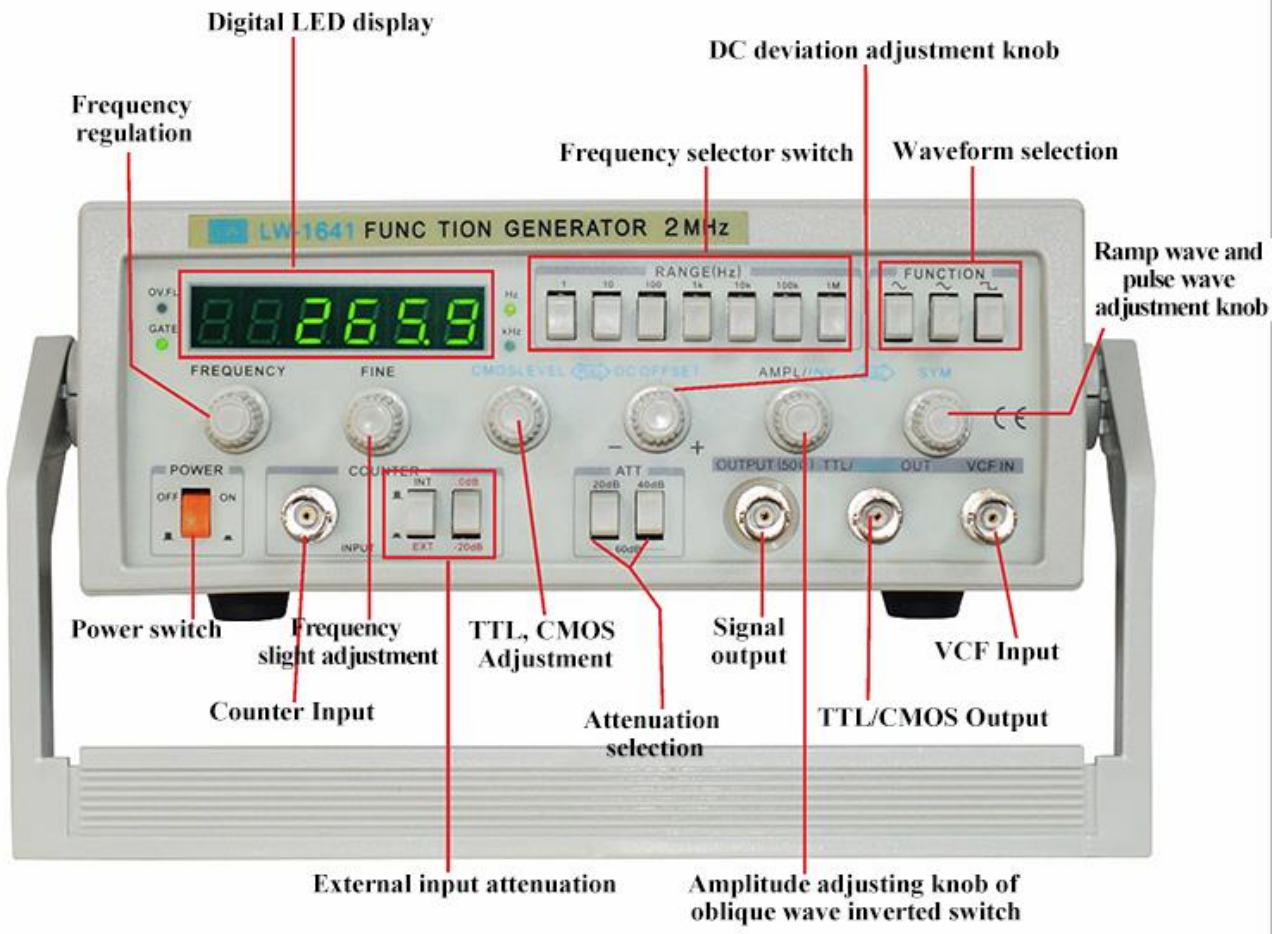
0.1-30MHz Frequency meter function

TTL/CMOS Compatible signal output

External voltage frequency control

Low distortion High stability

Operation Panel



Appearance Dimension Reference

Note: There is a slight error in manual measurement, please subject to the actual object

Factory Standard Configuration

Main engine/Certificate/ Power cable/Test line/Fuse *2

Made in China