

JT-PSG9080

Programmable signal generator



The PSG9080 programmable signal generator can generate many different waveforms such as sine, square, triangle, pulse and custom waves. The signal generator has a wide frequency range from 1nHz to 80MHz and a sampling rate of 300 MSa/s. The housing is of high quality and offers non-slip feet for comfortable working.

Different signal modulation methods, such as frequency modulation, phase modulation, amplitude modulation, pulse width modulation, frequency shift keying, are no longer a challenge with this device. The integrated measuring function also makes it possible to measure the frequency, period and duty cycle of external signals and display them on the screen in real time. The signal generator is very easy to operate with its intuitive key layout and high-resolution 3.5-inch colour LCD. Different settings can be saved in groups and thus recalled very quickly. In addition, the menu can be displayed in German, English and French.

MAIN FEATURES

Display	3.5" TFT colour LC Display
Special features	2 channel signal generator, 1 channel frequency counter, different modulation functions, sweep function, VCO mode
Dimensions	219 x 240 x 160 mm
Connection	BNC signal clips
Items delivered	Signal generator, 2x BNC signal clips, Connection cable

FURTHER SPECIFICATIONS

Voltage / input	85 V - 264 VAC / 47 - 63 Hz
Modulation functions	AM, FM, PM, ASK, FSK, PSK, PWM, Burst
Sample rate	300 MSa/s
Vertical wave resolution	14 bit
Signal forms	Lorentz pulse, pulse, half-wave, noise, exponential rise/fall, etc.
Frequency ranges	
Sine	1nHz - 80 MHz
Square, Pulse	1nHz - 30 MHz
Triangle, arbitrary	1nHz - 50 MHz
TTL	1nHz - 20 MHz
Min. Frequency resolution	1 nHz
Frequency accuracy	± 5 ppm
Frequency stability	± 3ppm/ 1 Jahr
Permis. operation temp.	0- 40°C
Permis. operation humidity	< 80 %

FURTHER DETAILS

Article No.	JT-PSG9080
EAN:	4250236820989
Customs Tariff No.	85432000