



New 3 MHz Function - Pulse Generators, Scientech 4061 & Scientech 4062 with Digital Readout backlit Color LCD display, fulfill today's demand of electronics laboratories in universities, colleges and training centres.

They have all ! whether you need Pulse and Ramp in addition to Sine, Square, Triangle over the frequency range of 3/10 MHz, or you need internal and external AM-FM or internal sweep, or PWM. The series have all and also TTL Output.

It has separate operations for function, frequency, modulation, attenuation and Frequency Counter.

Pulse duty cycle and sweep time are variable. AM standard and AM balanced modulation are done with great accuracies showing clearly the depth of modulation. Attractive sleek design makes this new series an ideal choice for modern laboratories.

Features

- 0.3 Hz - 3 MHz / 1 Hz - 10 MHz (Sine) (Optional)
- Sine, Square, Triangle, Ramp, Pulse and TTL outputs
- 20 Vpp output and DC Offset
- 40 MHz Frequency Counter
- Rise time & Fall time ≤ 50 ns
- Digital Readout with backlit Color LCD
- TTL output
- 50 Ω Output Impedance
- Various types of modulations
- 20 dB/ 40 dB (fixed) & 20 dB variable attenuation



Technical Specifications	Sciencetech 4061	Sciencetech 4062
Operating Modes	Sine, Square, Triangle, Ramp, Pulse, TTL	
Frequency Range	0.3 Hz - 3 MHz (Sine, Square & Triangle) 0.3Hz - 2 MHz (Ramp, Pulse & TTL)	
Optional	1 Hz-10 MHz (Sine)	
Frequency Accuracy	± 0.5 %	
Frequency Range & Menu Selection	Microcontroller based	
Sine Wave Distortion	1 % (typical)	
Square Wave Rise Time & Fall Time	≤ 50 ns	
Pulse Duty Cycle	15 % to 85 % var. (min width 200 ns)	
Triangle Nonlinearity	≤ 1% (typical)	
Output Impedance	50Ω	
Output Voltage	20 Vpp O.C.	
Attenuation	20 or 40 dB(fixed) & 20 dB (variable)	
Level Flatness	Upto 300 KHz : ± 0.2 dB , Upto 3 MHz : ±0.5 dB	
DC Offset	± 5 V adjustable	
Internal Sweep		20 ms-4 s variable
External Modulation	FM	AM Std, AM Bal, FM, PWM
Modulation Freq. Range	DC to 20 KHz	
Modulation Input	2 Vpp max.	
Frequency Counter		
Range	DC - 40 MHz	
Resolution	1 Hz	
Sensitivity	0.5 V	
Input Impedance	1 MΩ	
LCD Display	LCD Type - 256K Color TFT, Resolution - 160(W) ×128(H), Screen Size - 1.77"	
Mains Supply	230 V ±10%, 50 Hz / 60 Hz	
Power Consumption	12 VA (approx.)	
Operating Temp.	0 to 40°C, RH90%	
Weight	2.5 Kg (approx.)	3 Kg (approx.)
Dimensions (mm.)	W 198× D 285 × H 90	
Included Accessories	BNC-BNC cable 1 No.	