

Digital Function Generator

Model: FG-2102AD



Description:

The FG2102AD Digital Function Generator produces a variety of waveforms, including sine square triangle, ramp and pulse signal over a frequency range of 0.2Hz to 2MHz. The unit can be used for diverse applications for frequency characteristic measurement of audio/video equipment and the testing of automatic control devices.

Specifications:

Wave forms	Sine, Square, Triangle, Pulse, Ramp
Frequency Range	0.2Hz~2M Hz, in 7 Range
Impedance	50Ω ±10%
Output	20Vpp (open circuit) 10Vp-p (with 50Ω load)
Attenuator	0dB-20dB ±1dB
DC Offset	± 10V with CAL Switch
Symmetry	20% ~ 80% with CAL Switch, ±5V (into 50 Ω)
Distortion	Less than 1% 0.2Hz~ 20KHz, Less than 2% 20KHz~ 200KHz
Rise Time	less than 100ns
TTL output	above 3Vp-p
Rise Time	Less than 30ns
MOS output	4Vpp ~ 14.5Vpp Continuously adjustable
Rise Time	Less than 120ns
VCF	0 ~ 10V Control Freq. Causes 10:1 Frequency change
Time Base stability	±10ppM(23°C±5°C)
Power Requirement	AC 115V/230 V ±10% 50/60Hz Approx 6VA
Dimensions & Weight	216(W) x 110(H) , 276(D)mm Approx 3.5kg
Accessories	BNC-clips x 1