

Sweep Function Generator

Protek 9205A/9205C



Protek 9205A



Protek 9205C

Features

- Sine, Triangle, Square, Pulse Waveform
- Ramp Waveform, TTL Square Waveform
- Sweep Function
- VCG Input
- AM Modulation (9205A only)
- Frequency Counter Function

Specification

		Protek 9205C	Protek 9205A	
1	Output	Frequency Range	0.02Hz to 2MHz (7Ranges)	0.03Hz to 3MHz (7Ranges)
		Accuracy	Over 1Hz± Count ±Time Base Error	
		Amplitude	1Vp to 20Vp (Open Circuit), 0.5Vp to 5Vp(50Ω)	
		Attenuation	Fixed 20dB ±1dB, 20dB Continuity Variable	
		Impedance	50Ω ±5%	
2	Sine Wave	Flatness	Better Than ±3dB ~ 2MHz at Max. Output	±3dB ~ 3MHz
		Distortion	2% (10Hz ~ 100kHz)	
3	Square Wave	Rise / Fall Time	100ns or Less	
4	Triangle Wave	Nonlinearity	1% to 100kHz	
		Symmetry Variation	1:1 ~ 4:1	1:1 ~ 4:1 (1MHz) / 1:1 ~ 2:1 (2.5MHz)
		VCF Input	0V ~ 10V DC	
5	Sweep Function	Mode	Linear	
		Width	10:1 ~ 100:1	
		Time	0.5Hz(2sec) to 50Hz (20msec)	
6	Frequency Counter	Range	10Hz ~ 2MHz	10Hz ~ 3MHz
		Accuracy	0.01%±1Count	
		Max. Input Voltage	70Vp	
		Input Impedance	1MΩ	
		AM Modulation		0 ~ 100%, 400Hz, DC-1MHz