

# Sweep Function Generator

## Protek 9205 Series



**Protek 9205**



**Protek 9205A**



**Protek 9205C**

### Features

- Sine, Triangle, Square, Pulse,
- Ramp Waveform
- Sync. Out (TTL Square Waveform)
- Sweep Function
- VCG Input
- DC Offset

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### Specifications

MODEL	9205 / 9505C	9205A
<b>Output</b>		
Frequency Range	0.02Hz to 2MHz (7 Ranges)	0.03Hz to 3MHz (7 Ranges)
Accuracy	±5% of Full Scale to 200kHz, ±8% of Full Scale from 200kHz to 2MHz	Over 1Hz ± 1Count ± Time Base Error
Amplitude	10Vp-p in 50Ω Load	1Vp to 20Vp (Open Circuit), 0.5Vp to 5Vp (50Ω)
Attenuation	Fixed 20dB ±1dB, 20dB Continuity Variable	
Impedance	50Ω ±5%	
<b>Sine Wave</b>		
Flatness	Better than ±3dB ~ 2MHz at Max. Output AMP	±3dB ~ 3MHz
Distortion	2% (10Hz ~ 100kHz)	
<b>Square Wave</b>		
Rise / Fall Time	100ns or Less	
<b>Triangle Wave</b>		
Linearity	99% or More ~ 100kHz	
Symmetry Variation	1:1 ~ 4:1	1:1 ~ 4:1 (1MHz) / 1:1 ~ 2:1 (2.5MHz)
VCF Input	0V ~ 10V DC	
<b>Sweep Function</b>		
Mode	Linear	
Width	1:1 ~ 100:1	
Time	20ms ~ 2s	
<b>Frequency Counter</b>		
Range	10Hz ~ 2MHz	10Hz ~ 3MHz
Accuracy	0.01% ± 1 Count	
Max. Input Voltage	70Vp-p	
Input Impedance	1MΩ	
AM Modulation		0 ~ 100%, 10V Max. Input
<b>General</b>		
Power	100/120/220/230VAC ±10%, 50 / 60Hz	100/120/220/230VAC ±10%, 50 / 60Hz 14W
Dimension	250(W) × 267(D) × 76(H)mm	
Weight	Approx. 2.5Kg	

Sweep  
Function  
Generator