

Function Generators 2MHz/10MHz/15MHz (with AM/FM & Frequency Counter upto 30MHz)

ME 900 / ME 905



Features

- Frequency 0.1Hz ~ 10MHz (For Model ME 900)
Frequency 0.1Hz ~ 15MHz (For Model ME 905)
- Output Waveform: Sine, Square, Triangle, \pm Ramp, \pm Pulse
- Voltage Control Frequency (VCF) capability
- TTL/CMOS and output synchronous output
- Less than 1% distortion at 10Hz ~ 100KHz
- Less than 0.5dB frequency response at 0.1Hz~100KHz
- 1Hz~30MHz Frequency Counter
- AM & FM Output

Technical Specifications

Frequency Range	0.1Hz ~ 10MHz (For Model ME 900) 0.1Hz ~ 15MHz (For Model ME 905)	VCF Input	
Output Waveform	Sine, Triangle, Square, Positive & Negative Pulse, Positive & Negative Ramp	Output Voltage	-5V~0V \pm 10%
Output Impedance	50ohms \pm 10%	Max. volt-controlled	1000:1
Amplitude	Not less than 20V p-p (open circuit)	Input Signal	DC ~ 1KHz
DC Voltage	0~ \pm 10V continuously adjustable	Frequency Counter	
Symmetry Range	90:10 ~ 10:90	Measuring Range	1Hz ~ 30MHz
Rising Edge of Square	<50ns (In Model ME 900), < 35ns (In Model ME 905)	Input Impedance	Not less than 1Mohms/ 20pF
Sine Characteristics		Sensitivity	100mV rms
Distortion	Less than 1% at 10Hz ~ 100KHz	Max. Input	150V (AC + DC)
Frequency Response	0.1Hz~100KHz: < \pm 0.5dB 100KHz~2MHz: < \pm 1dB	Input Attenuation	20dB
TTL/CMOS Output Level	TTL low level less than 0.4V in pulse wave, high level less than 3.5V. CMOS low less than 0.5V in pulse wave, high level 5V~14V continuously variable.	Accuracy	Less than 0.003% \pm 1 digit
Rising Time	Less than 100ns	Power supply	230V \pm 10%, 50Hz
		Dimension	310 (W) x 230 (H) x 90 (D) mm
		Weight	3Kg Approx.

Function Generator with AM/FM & Frequency Counter upto 50MHz

ME 910/ME 915



Features

- Low distortion, high stability, Linear and logarithmic sweep function
- Sweep time and width adjustable. External Voltage Control Frequency
- Internal and External modulation AM/FM with modulation control
- Output signal compatible with TTL/CMOS
- Seven type of waveform such as Sine, Square, Triangle and Ramp
- DC offset and 20dB attenuation can be applied to main output signal
- Built-in frequency meter 0.1Hz~50MHz

Technical Specifications

Frequency Range	0.1Hz ~ 2MHz (For Model ME 910/ME 915)	VCF Output	
Output Amplitude	\pm 10V p-p (50ohms load)	Input Voltage	0V~10V \pm 1V (100:1)
Output Impedance	50ohms \pm 10%	Sweep Operation	
Attenuation	-20dB \pm 1dB	Sweep Width	Max. 100:1 adjustable
DC Offset	< -5V / > +5V (50ohms load)	Sweep Mode	Linear/Logarithmic selectable
Duty rate	80%: 20%: 80%	Frequency Meter	0.1Hz~50MHz
Display	6 digit LED display	Internal/ External	Selectable
Amplitude control	0dB/20dB and fine tune	Resolution	Max. 10nHz at 1Hz & 0.1Hz at 50MHz
Sine Waveform		Sensitivity	\leq 35mVrms (5Hz~30MHz)
Distortion	\leq 1%, 0.5Hz~100KHz	Input Impedance	1Mohm/ 150pF
Flatness	\leq 0.3dB (<200KHz), \leq 0.53dB (\geq 200KHz)	Power supply	230V \pm 10%, 50Hz
Square		Dimension	250 (W) x 90 (H) x 290 (D) mm
Rise/ Fall time	\leq 30ns	Weight	3Kg Approx.