



Bench Top Series

Function Generator MXG-9816A with Frequency Counter 1.6Ghz
Digital Multimeter MXD - 4660A
Universal System

Product >> Benchtop >> **MS-9150**



Features

Frequency Counter

-Measuring range

CH A : 1Hz to 20MHz LED display depending on gate time and input signal.

At least 7 digits are displayed per each second of gate time

CH B : 20MHz to 2.7GHz

-Input Sensitivity

CH A : 20mV RMS Signwave or 100mVp

CH B : 40mV RMS Signwave for 20MHz to 1.3GHz
or 70mV RMS Signwave for 1.3GHz to 2.7GHz

-Maximum Input Voltage : 3V

CH A : 35mVp-p

CH B : 3mVp-p

-Input Impedance

CH A : 1M Ω

CH B : 50 Ω

-Time Base : CH A,B Switch Selectable

Function Generator

-Wave forms : Sign, Square, Triangle, Skewed Sine, Ramp, Pulse, TTL Level

-Frequency : 0.2Hz to 2MHz

-VCF Voltage Level : 0 to 10V DC

-Output Impedance : Selectable 50 Ω $\pm$ 10%
600 Ω $\pm$ 10%

-Output Amplitude : 2vpp to 20vpp open load
1vpp to 10vpp (50 Ω load)

Attenuator : - 20dB

-Sign Wave

Distortion Less than 1% (at 1kHz)

Flatness + 0.3dB

-Square Wave

Symmetry less than + 3% (at 1kHz)

Rise & Fall Time Less than 150ns (at 1kHz)

-Triangle Wave Linerity

Less than 1% (up to 100kHz)

5% (100kHz to 20MHz)

-TTL output

Rise & Fall Time - Less than 30ns (at 1kHz)

-Frequency Sweep

Sweep time 20mS to 2S

Internal Sweep Mode : Linear, Logarithmic

Sweep Width : More than 100:1

Power Supply

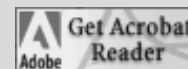
-3 1/2 digit LCD with Back-Light)

Terminal1 Terminal2 Terminal3

Output Voltage 0 - 30V 5V Fixed 15V Fixed

Quick Link

GO



Output Amps 0 - 2A 2A 1A
 Ripple 1mV max 2mV max 2mV max
 Output Current 2A/3A 2.2A 1.2A
 -Power Source : Line Voltage 110V/120V or
 220V/240V AC at 50Hz ~ 60Hz
 DMM Section : Single 9V Battery

Specifications

item	MS-9150	
DC Voltage	400mV to 400V 1000V	$\pm 0.3\%$ + 1 dgt $\pm 0.5\%$ + 1 dgt
AC Voltage	400mV to 400V 750V	$\pm 0.8\%$ + 3 dgts $\pm 1.0\%$ + 3 dgts
DC Current	40mA to 400mA 20A	$\pm 0.8\%$ + 3 dgts $\pm 1.0\%$ + 3 dgts
AC Current	40mA to 400mA 20A	$\pm 1.5\%$ + 3 dgts $\pm 2.0\%$ + 5 dgts
Resistance	400M Ω to 4M Ω 40M Ω	$\pm 0.5\%$ + 1 dgt $\pm 1.0\%$ + 2 dgts
Capacitance	4nF to 400nF 4 μ F to 200 μ F	$\pm 2.0\%$ + 3 dgts $\pm 3.0\%$ + 5 dgts
Diode	Test Current max. 1mA at 1k Ω (forward DC voltage max. 3V)	

1005-3 DOCKSAN1-DONG, GEUMCHUN-GU, Seoul, Korea TEL: 02)546-4101 / FAX : 02)546-0241,2
 Copyright © 2002 METEX All rights reserved.