

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Find the *Instek GTP-060A-4* at our website: *Click HERE*

Analog Oscilloscope+Function Generator



Built - in Function Generator

FEATURES

* Built-In 1 MHz Function Generator
* 20MHz Bandwidth, Dual Channel
* High Sensitivity 1mV/div
* ALT Triggering Function
* TV Synchronization
* CH1 Output
* Z Axis Input
* Economic Choice for High Quality

GOS-620FG (20 MHz)

SPECIFICATIONS

CRT	
Type	6-inch rectangular type with internal graticule 8 x 10 div (1div=1cm)
Accelerating Potential	2kV
Z-Axis Input	Sensitivity: Above 5Vp-p Max. input voltage : 30V (DC + AC peak) Bandwidth: DC ~ 2MHz
Polarity	Positive-going input decrease
Focus Control	Auto focus
FUNCTION GENERATOR	
Frequency Range	0.1Hz ~ 1MHz (7 range)
Waveform	Sine Wave, Square Wave, Triangle Wave
Frequency Variable Range	10:1 or more
Output Impedance	50Ω ± 10%
Voltage	Over 14Vp-p(open circuit) continuous conversion DC offset possible over± 6V when open
Sinewave Distortion	2% Max. (10Hz ~ 100kHz)
Squarewave Unsymmetry	±3% or less (in 1 kHz maximum)
Squarewave Rise/Fall Time	50Ω output: 120ns or less
VERTICAL SYSTEM	
Sensitivity	5mV/div~5V/div± 3%,1mV/div~1V/div± 5% (using x 5MAG.)
Bandwidth	DC to 20MHz (x 5MAG.:DC to 7MHz)
Rise Time	Approx. 17.5ns (x 5MAG.:Approx. 50ns)
Max. Input	300V (DC+ACpeak) at 1kHz
Input Coupling	AC, DC, GND
Input Impedance	Approx. 1MΩ// 25pF
Vertical Mode	CH1,CH2,DUAL(ALT,CHOP),ADD,CH2 INV
HORIZONTAL SYSTEM	
Sweep Time	0.2μs/div ~ 0.5s/div± 3% (± 5% at x 10MAG)
Max. Sweep Rate	100ns/div (20ns and 50ns/div are uncalibrated)
TRIGGER	
Trigger Mode	AUTO, NORM, TV-V, TV-H
Trigger Source	CH1, CH2, ALT, LINE, EXT
Trigger Slope	" + " or " - "
X-Y OPERATION	
Sensitivity	5mV ~ 5V/div± 4%
X-axis Bandwidth	DC ~ 500kHz
Phase Error	3° or less from DC ~ 50kHz
OUTPUT SIGNAL	
Trigger Signal Output	Voltage: approx. 20mV/div into 50Ω Bandwidth : 50Hz to 5MHz (-3dB) Impedance : Approx. 50Ω
Calibrator Output	1kHz Square wave, 2Vp-p±2%

POWER SOURCE
AC 115/230V±15%, 50/60Hz

ACCESSORIES
Instruction manual x 1, Power cord x 1, GCP-210LC Probes(10:1/1:1)x2, GTL-101 x 1

DIMENSIONS & WEIGHT
310(W) x 150(H) x 455(D)mm; Approx. 8.5kg

ORDERING INFORMATION

GOS-620FG 20MHz Oscilloscope with Built-in 1MHz Function Generator

Option

Opt. 01 : GTC-001 Instrument Cart, 450(W) x 430(D) mm
Opt. 02 : GTC-002 Instrument Cart, 330(W) x 430(D) mm

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