

Analog Oscilloscope



GOS-653G (50 MHz)

GOS-652G (50 MHz)

FEATURES

- * 50MHz Bandwidth, Dual Channel
- * Delayed Sweep(GOS-653G)
- * Built-In Delay Line (GOS-653G)
- * TV Synchronization
- * CH1 Output
- * Z Axis Input
- * ALT Triggering Function
- * Hold Off Function
- * Trigger Level Lock Function

SPECIFICATIONS

CRT Type	6-inch rectangular type with internal graticule 0%, 10%, 90% and 100% markers. 8 x 10 div (1div=1cm)
Accelerating Potential	12kV
Illumination	Continuously adjustable
Z-axis Input	Input Impedance: Approx. 5k Ω Sensitivity: Above 3Vp-p Bandwidth: DC ~ 5MHz
VERTICAL SYSTEM	
Sensitivity	5mV/div ~ 5V/div \pm 3%, 1mV ~ 2mV/div \pm 5%
Bandwidth	DC ~ 50MHz DC ~ 15MHz at 1 ~ 2mV/div
Rise Time	7ns (23.3ns for 1 ~ 2mV/div)
Signal Delay	leading edge can be monitored(GOS-653G only)
Input Impedance	Approx. 1M Ω
Input Coupling	AC, DC, GND
Vertical Mode	CH1, CH2, DUAL, ADD, CH2 INV (Dual automatic switching ALT and CHOP)
HORIZONTAL SYSTEM	
A(main) Sweep Time	0.1 μ s ~ 0.5s/div \pm 3% 100ns ~ 50ms/div \pm 5% (x 10 MAG) 10ns ~ 50ns \pm 8% (x 10 MAG)
B(delay) Sweep Time	(GOS-653G only) 0.1 μ s ~ 0.5ms/div \pm 3% 100ns ~ 50 μ s/div \pm 5% (x 10 MAG), 10ns ~ 50ns/div \pm 8% (x 10 MAG)
Delay Time	1 μ s ~ 5ms, \pm 5% (GOS-653G only)
Delay Time Jitter	Better than 1:10000 (GOS-653G only)
TRIGGER	
Trigger Mode	AUTO, NORM, SINGLE
Trigger Source	CH1, CH2, ALT, LINE, EXT
Trigger Coupling	AC, DC, HF REJ, TV
Trigger Slope	“+” or “-”
X-Y OPERATION	
Sensitivity	5mV ~ 5V/div \pm 4%
X-axis Bandwidth	DC ~ 2MHz
Phase Error	3 $^{\circ}$ or less from DC ~ 100kHz (GOS-653G) 3 $^{\circ}$ or less from DC ~ 50kHz (GOS-652G)
OUTPUT SIGNAL	
Trigger Signal Output	Voltage: approx. 50mV/div into 50 Ω
Calibrator Output	1kHz Square wave, 2Vp-p \pm 2%

POWER SOURCE

AC 100V/120V/220V/230V \pm 10%, 50Hz/60Hz

ACCESSORIES

Instruction manual x 1, Power cord x 1, GLF-190C Probes (10:1/1:1) x 2

DIMENSIONS & WEIGHT

310(W) x 150(H) x 455(D) mm; Approx. 8.2kg

ORDERING INFORMATION

GOS-653G 50MHz, 2-Channel, Oscilloscope with Delayed Sweep

GOS-652G 50MHz, 2-Channel, Oscilloscope

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