

Analog Oscilloscope



GOS-653G (50 MHz)

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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