

## Analog Oscilloscope



CE



CE

**GOS-635G(35MHz)/GOS-622G(20MHz)**
**GOS-620(20MHz)**

### FEATURES

- \* 35MHz Bandwidth, Dual Channel (GOS-635G)
- \* 20MHz Bandwidth, Dual Channel (GOS-622G)
- \* 20MHz Bandwidth, Dual Channel (GOS-620)
- \* High Sensitivity 1mV/div
- \* TV Synchronization
- \* Z Axis Input
- \* ALT Triggering Function
- \* Hold Off Function (GOS-635G, GOS-622G)
- \* CH1 Output

### SPECIFICATIONS

		GOS-635G/GOS-622G	GOS-620
CRT	Type	6-inch rectangular type with internal graticule 8 x 10 div (1div=1cm)	6-inch rectangular type with internal graticule 8 x 10 div (1div=1cm)
	Z-Axis Input	Input Impedance: Approx. 5k $\Omega$ Sensitivity: Above 3Vp-p Bandwidth: DC ~ 5MHz	Input Impedance: Approx. 47k $\Omega$ Sensitivity: Above 5Vp-p Bandwidth: DC ~ 2MHz
VERTICAL SYSTEM	Sensitivity	5mV/div~5V/div $\pm$ 3%, 1mV~2mV/div $\pm$ 5%	5mV/div~5V/div $\pm$ 3%, x5MAG: $\pm$ 5%
	Bandwidth	DC ~ 35MHz (GOS-635G) DC ~ 20MHz (GOS-622G)	DC (AC 10Hz) ~20MHz(-3dB) DC (AC 10Hz) ~7MHz(-3dB) at x 5MAG
	Rise Time	DC ~ 10MHz at 1~ 2mV/div 10ns (35ns at 1mV~2mV/div)for GOS-635G 17.5ns(35ns at 1mV~2mV/div)for GOS-622G	17.5ns (50ns at x 5MAG)
	Input Impedance	Approx. 1M $\Omega$	Approx. 1M $\Omega$
	Input Coupling	AC, DC, GND	AC, GND, DC
	Vertical Mode	CH1, CH2, DUAL, ADD, CH2 INV (Dual automatic switching ALT and CHOP)	CH1, CH2, DUAL (ALT/CHOP), ADD, CH2 INV
HORIZONTAL SYSTEM	Sweep Time	0.1 $\mu$ s ~ 0.5s/div $\pm$ 3% 100ns ~ 50ms/div $\pm$ 5% (x 10 MAG) 10ns~ 50ns $\pm$ 8% (x 10 MAG)	0.2 $\mu$ s ~ 0.5s/div $\pm$ 3% 100ns ~ 50ms/div $\pm$ 5% (x 10 MAG) 20ns ~ 50ns/div : uncalibrated
	Trigger	AUTO, NORM CH1, CH2, ALT, LINE, EXT AC, DC, HF REJ, TV “+” or “-”	AUTO, NORM, TV-V, TV-H CH1, CH2, ALT, LINE, EXT AC “+” or “-”
X - Y OPERATION	Sensitivity	5mV ~ 5V/div $\pm$ 4%	5mV ~ 5V/div $\pm$ 4%
	X-axis Bandwidth	DC ~ 1MHz	DC ~ 500kHz
	Phase Error	3 $^{\circ}$ or less from DC ~ 50kHz	3 $^{\circ}$ or less from DC ~ 50kHz
OUTPUT SIGNAL	Trigger Signal Output	Voltage: approx. 50mV/div into 50 $\Omega$	Voltage: approx. 20mV/div into 50 $\Omega$
	Calibrator Output	1kHz Square wave, 2Vp-p $\pm$ 2%	1kHz Square wave, 2Vp-p $\pm$ 2%
POWER SOURCE		AC 100V/120V/220V/230V $\pm$ 10%, 50Hz/60Hz	AC 115V/230V $\pm$ 15%, 50Hz/60Hz
ACCESSORIES		Instruction manual x 1 Power Cord x 1 GCP-210LC Probes (10:1/1:1) x 2	Instruction manual x 1 Power Cord x 1 GCP-210LC Probes (10:1/1:1) x 2
DIMENSIONS & WEIGHT		310(W) x 150(H) x 455(D) mm; Approx. 8.2kg	310(W)x150(H)x455(D) mm; Approx. 8kg

### ORDERING INFORMATION

**GOS-635G** 35MHz, 2-Channel , Oscilloscope with Hold Off Function  
**GOS-622G** 20MHz, 2-Channel , Oscilloscope with Hold Off Function  
**GOS-620** 20MHz, 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