

# 35MHz/20MHz ANALOG OSCILLOSCOPE



**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

The GOS-635G and GOS-622G are general purpose analog oscilloscopes with 35MHz and 20MHz bandwidth, respectively. Designed for a wide range of applications; ranging from product designs and assembly lines to EE laboratories and class experiments. Featuring a low vertical sensitivity at 1mV/div and versatile triggering, the GOS-635G and GOS-622G can reliably capture small signals. The GOS-635G/622G is the highest performance/price solution in the Test & Measurement field.

The GOS-620 Analog Oscilloscope delivers the most economic solution for measurement demands within a 20MHz bandwidth. Together with 1mV ~ 5V vertical sensitivity, 0.2s/div ~ 0.5s/div sweep time, and useful Auto/Norm/TV-V/TV-H trigger modes, the GOS-620 is the best economic choice for education, production lines and repair service applications at a reasonable price.

SPECIFICATIONS		
	GOS-635G/GOS-622G	GOS-620
<b>CRT</b>		
<b>Type</b>	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)
<b>Z-Axis Input</b>	Input Impedance: Approx. 5kΩ Sensitivity: Above 3Vp-p Bandwidth: DC ~ 5MHz	Input Impedance: Approx. 47kΩ Sensitivity: Above 5Vpp Bandwidth: DC ~ 2MHz
<b>VERTICAL SYSTEM</b>		
<b>Sensitivity</b>	5mV/div~5V/div±3%,1mV~2mV/div±5%	5mV/div~5V/div±3%,x5MAG:±5%
<b>Bandwidth</b>	DC ~ 35MHz ( GOS-635G) DC ~ 20MHz ( GOS-622G) DC ~ 10MHz at 1~ 2mV/div	DC (AC 10Hz) ~20MHz(-3dB) DC (AC 10Hz) ~7MHz(-3dB) at x 5MAG
<b>Rise Time</b>	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)
<b>Input Impedance</b>	Approx. 1MΩ	Approx. 1MΩ
<b>Input Coupling</b>	AC, DC, GND	AC, GND, DC
<b>Vertical Mode</b>	CH1, CH2, DUAL, ADD, CH2 INV (Dual automatic switching ALT and CHOP)	CH1, CH2, DUAL (ALT/CHOP), ADD, CH2 INV
<b>HORIZONTAL SYSTEM</b>		
<b>Sweep Time</b>	0.1μs ~ 0.5s/div ± 3% 100ns ~ 50ms/div±5% (x 10 MAG) 10ns~ 50ns ±8% (x 10 MAG)	0.2μs ~ 0.5s/div±3% 100ns ~ 50ms/div±5% (x 10 MAG) 20ns ~ 50ns/div : uncalibrated
<b>TRIGGER</b>		
<b>Trigger Mode</b>	AUTO, NORM	AUTO, NORM, TV-V, TV-H
<b>Trigger Source</b>	CH1, CH2, ALT, LINE, EXT	CH1, CH2, ALT, LINE, EXT
<b>Trigger Coupling</b>	AC, DC, HF REJ, TV	AC
<b>Trigger Slope</b>	“+” or “-”	“+” or “-”
<b>X - Y OPERATION</b>		
<b>Sensitivity</b>	5mV ~ 5V/div±4%	5mV ~ 5V/div±4%
<b>X-axis Bandwidth</b>	DC ~ 1MHz	DC ~ 500kHz
<b>Phase Error</b>	3° or less from DC ~ 50kHz	3° or less from DC ~ 50kHz
<b>OUTPUT SIGNAL</b>		
<b>Trigger Signal Output</b>	Voltage: approx. 50mV/div into 50Ω	Voltage: approx. 20mV/div into 50Ω
<b>Calibrator Output</b>	1kHz Square wave, 2Vp-p±2%	1kHz Square wave, 2Vp-p±2%
<b>POWER SOURCE</b>		
	AC 100V/120V/220V/230V±10%, 50Hz/60Hz	AC 115V/230V±15%, 50Hz/60Hz
<b>DIMENSIONS &amp; WEIGHT</b>		
	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

### ACCESSORIES :

- User manual x 1, Power Cord x 1
- Probe-GTP-060A-4 : 60MHz ( 10 : 1/1 : 1 ) Switchable Passive Probe for GOS-635G/GOS-622G (one per channel)
- Probe-GTP-020A-4 : 20MHz ( 10 : 1/1 : 1 ) Switchable Passive Probe for GOS-620 (one per channel)

### OPTIONAL ACCESSORIES

- GTC-001** Instrument Cart, 450(W) x 430(D) mm (120V Input Socket)
- GTC-002** Instrument Cart, 330(W) x 430(D) mm (120V Input Socket)
- GTL-110** Test Lead, BNC-BNC Heads

**勝特力材料 886-3-5753170**  
**勝特力电子(上海) 86-21-34970699**  
**勝特力电子(深圳) 86-755-83298787**  
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