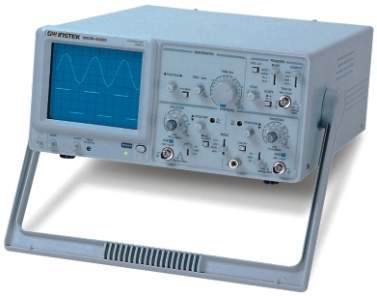
GOS-635G (35MHz)
GOS-622G(20MHz)



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
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. 5kΩ Sensitivity: Above 3Vp-p Bandwidth: DC ~ 5MHz	Input Impedance: Approx. 47kΩ Sensitivity: Above 5Vpp Bandwidth: DC ~ 2MHz
VERTICAL SYSTEM		
Sensitivity	5mV/div~5V/div±3%,1mV~2mV/div±5%	5mV/div~5V/div±3%,x5MAG:±5%
Bandwidth	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
Rise Time	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. 1MΩ	Approx. 1MΩ
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	0.1μs ~ 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
TRIGGER		
Trigger Mode	AUTO, NORM	AUTO, NORM, TV-V, TV-H
Trigger Source	CH1, CH2, ALT, LINE, EXT	CH1, CH2, ALT, LINE, EXT
Trigger Coupling	AC, DC, HF REJ, TV	AC
Trigger Slope	"+"or "- "	"+" or "-"
X - Y OPERATION		
Sensitivity	5mV ~ 5V/div±4%	5mV ~ 5V/div±4%
X-axis Bandwidth	DC ~ 1MHz	DC ~ 500kHz
Phase Error	3° or less from DC ~ 50kHz	3° or less from DC ~ 50kHz
OUTPUT SIGNAL		
Trigger Signal Output	Voltage: approx. 50mV/div into 50Ω	Voltage: approx. 20mV/div into 50Ω
Calibrator Output	1kHz Square wave, 2Vp-p±2%	1kHz Square wave, 2Vp-p±2%
POWER SOURCE		
	AC 100V/120V/220V/230V±10%, 50Hz/60Hz	AC 115V/230V±15%, 50Hz/60Hz
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

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