

# Triggering Oscilloscope



GOS-310 (10MHz)

- \* 10MHz Single Channel
- \* With TV Sync. Mode
- \* High Sensitivity 5mV/DIV
- \* Easy to Operate
- \* Low Cost, High performance
- \* Designed for Education, Student, Hobbyist and Maintenance use

SPECIFICATIONS	
<b>CRT</b>	
<b>Display Area</b>	75mm round screen CRT, 8 x 10 DIV (6mm/DIV)
<b>Accelerating Potential</b>	Approx. 1.2kV
<b>VERTICAL SYSTEM</b>	
<b>Sensitivity</b>	5mV ~ 5V in 4 decade steps
<b>Bandwidth</b>	DC ~ 10 MHz
<b>Accuracy</b>	Within $\pm 3\%$ (at line Voltage $\pm 5\%$ )
<b>Input Impedance</b>	Approx. 1M $\Omega$ // 35pF
<b>Max. Input</b>	600Vp-p or 300Vpk(DC+AC peak), $\leq 1$ kHz
<b>HORIZONTAL SYSTEM</b>	
<b>Sweep Rate</b>	10ms ~ 0.1 $\mu$ s in 6 decade steps
<b>Accuracy</b>	Within $\pm 5\%$ (at line Voltage $\pm 5\%$ )
<b>TRIGGER</b>	
<b>Trigger Mode</b>	AUTO, NORM, EXT, TV
<b>Trigger Source</b>	INT, EXT
<b>EXT.</b>	Trigger Max. input voltage: 600Vp-p or 300Vpk (DC+AC peak)
<b>Input Impedance</b>	Approx. 1M $\Omega$ // 35pF
<b>X-Y OPERATION</b>	
<b>Freq. Response</b>	DC ~ 500kHz(-3dB) Sensitivity: approx. 0.1V/DIV
<b>Input Impedance</b>	Approx. 1M $\Omega$ // 35pF
<b>Max. Input Voltage</b>	600Vp-p or 300Vpk(DC+ACpeak)
<b>Phase Error</b>	3° or less at 10kHz
<b>CALIBRATOR</b>	1kHz $\pm 5\%$ , square wave, 0.25Vp-p $\pm 3\%$
<b>POWER SOURCE</b>	AC 115/220/230V $\pm 10\%$ , 50/60Hz
<b>ACCESSORIES</b>	Power cord x 1 Instruction manual x 1 Test Lead GTL-101 x 1
<b>DIMENSIONS &amp; WEIGHT</b>	132(W) x 210(H) x 298(D)mm Approx. 4.6kg



GOS-305 (5MHz)

- \* 5 MHz Single Channel
- \* 10mV Sensitivity
- \* Low Cost, High Performance
- \* Easy to Operate

SPECIFICATIONS	
<b>CRT</b>	
<b>Display Area</b>	75mm round screen CRT 8x10DIV(6mm/DIV)
<b>Blanking</b>	G1
<b>VERTICAL SYSTEM</b>	
<b>Sensitivity</b>	10mV/DIV
<b>Bandwidth</b>	DC ~ 5 MHz
<b>Attenuator</b>	1/1, 1/10, 1/100 and GND
<b>Input Impedance</b>	1M $\Omega$ $\pm 5\%$
<b>Max. Input</b>	600Vp-p or 300Vpk(DC+ACpeak), at 1kHz or less
<b>HORIZONTAL SYSTEM</b>	
<b>Sensitivity</b>	250mV/DIV or better
<b>Bandwidth</b>	DC ~ 500kHz
<b>Input Impedance</b>	100k $\Omega$ $\pm 10\%$
<b>TIME BASE</b>	
<b>Sweep Frequency</b>	10Hz ~ 100kHz 4 ranges and fine control
<b>Synchronizing</b>	Internal and external
<b>SYNCHRONIZATION</b>	
<b>Sensitivity</b>	INT more than 1DIV, EXT more than 2Vp-p
<b>POWER SOURCE</b>	AC 110/220/240V $\pm 10\%$ , 50Hz/60Hz
<b>ACCESSORIES</b>	Power cord x 1 Instruction manual x 1 Test Lead GTL-103 x 1
<b>DIMENSIONS &amp; WEIGHT</b>	132(W) x 210(H) x 314(D)mm Approx. 3.8kg