



Instek 20 MHz Oscilloscope W/Function Generator

**Built - in
Function
Generator***Part No. 01OS620FG***FEATURES :**

- * Built-in 1 MHz Function Generator
- * 20MHz, Dual Channel
- * High Sensitivity 1mV/DIV
- * TV Synchronization
- * Z axis input
- * ALT Triggering Function
- * CH1 output
- * Economic Choice for High Quality

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GOS-620FG (20 MHz)

SPECIFICATIONS

CRT	Type Phosphor Accelerating Potential Z-axis Input Polarity Focus Control	6-inch rectangular type with internal graticule 8 x 10 DIV (1DIV=1cm) P31 2kV Sensitivity: Above 5Vp-p Max. input voltage : 30V (DC + AC peak) Bandwidth: DC ~ 2MHz Positive-going input decrease Auto focus
FUNCTION GENERATOR	Frequency Range Waveform Frequency Variable Range Output Impedance Voltage Sinewave Distortion Squarewave Unsymmetry Squarewave Rise/Fall Time	0.1Hz ~ 1MHz (7 range) Sine Wave, Square Wave, Triangle Wave 10:1 or more 50 ± 10% Over 14Vp-p(open circuit) continuous conversion DC offset possible over±6V when open 2% Max. (10Hz ~ 100kHz) ±3% or less (in 1 kHz maximum) 50 output: 120ns or less
VERTICAL SYSTEM	Sensitivity Bandwidth Rise Time Max. Input Input Coupling Input Impedance Vertical Mode	5mV/DIV ~ 5V/DIV±3%, 1mV/DIV ~ 1V/DIV ±5%(using x 5MAG.) DC to 20MHz (x 5MAG.:DC to 7MHz) Approx. 17.5ns (x 5MAG.:Approx. 50ns) 300V (DC+ACpeak) at 1kHz AC, DC, GND Approx. 1M // 25pF CH1, CH2, DUAL (ALT, CHOP), ADD, CH2 INV
HORIZONTAL SYSTEM	Sweep Time Max. Sweep Rate	0.2µs/DIV ~ 0.5s/DIV ±3%, (±5% at x 10MAG) 100ns/DIV (20ns and 50ns/DIV are uncalibrated)
TRIGGER	Trigger Mode Trigger Source Trigger Slope	AUTO, NORM, TV-V, TV-H CH1, CH2, ALT, LINE, EXT " + " or " - "
X-Y OPERATION	Sensitivity X-axis Bandwidth Phase Error	5mV ~ 5V/DIV±4% DC ~ 500kHz 3° or less from DC ~ 50kHz
OUTPUT SIGNAL	Trigger Signal Output Calibrator Output	Voltage: approx. 20mV/DIV into 50 Bandwidth : 50Hz to 5MHz (-3dB) Impedance : Approx. 50 1kHz Squarewave, 2Vp-p±2%
POWER SOURCE		AC 115/230V± 15%, 50/60Hz
ACCESSORIES		Power cord x 1, Instruction manual x 1, GCP-210LC Probes(10:1/1:1) x 2, GTL-101 x 1
DIMENSIONS & WEIGHT		310(W) x 150(H) x 455(D)mm; Approx. 8.5kg