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2006 Good Will Instrument Co., Ltd.

SHORTFORM

OSCILLOSCOPES

SPECTRUM ANALYZERS

SIGNAL SOURCES

POWER SUPPLIES

COMPONENT & SAFETY TESTERS

GW INSTEK

OSCILLOSCOPES

- Digital Storage Oscilloscope
- Real Time/Digital Storage Oscilloscope
- Analog Oscilloscope

P 1 ~ 3

SPECTRUM ANALYZERS

- 9kHz~3GHz Spectrum Analyzer
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- 150kHz~1GHz Spectrum Analyzer

P 4 ~ 5

SIGNAL SOURCES

- Programmable Function Generator
- DDS Function Generator
- Analog Function Generator
- FM/AM Signal Generator
- RF Generator
- Audio Generator

P 6 ~ 7

POWER SUPPLIES

- Programmable Linear DC Power Supply
- Linear DC Power Supply
- Programmable Switching DC Power Supply
- Switching DC Power Supply
- AC Power Source

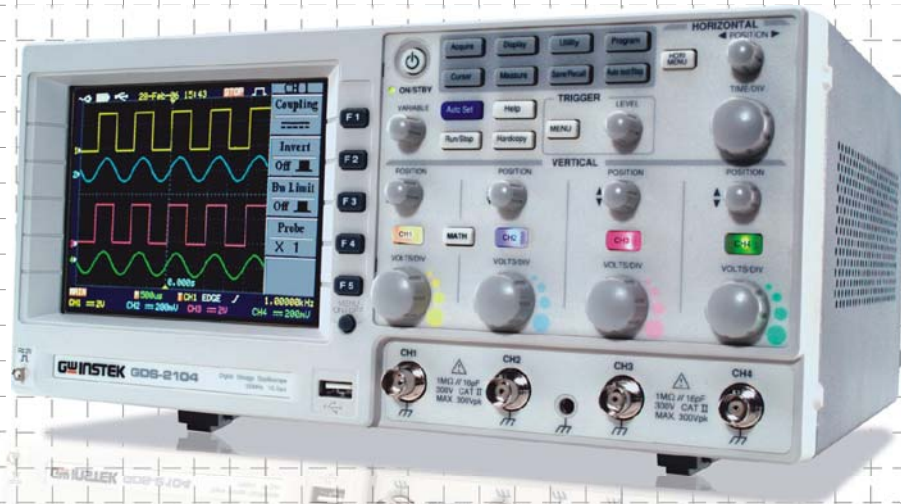
P 8 ~ 10

COMPONENT & SAFETY TESTERS

- Digital Multimeter
- Intelligent Counter
- AC Power Meter
- LCR Meter
- Electrical Safety Tester
- Milli-Ohm Meter
- AC Millivolt Meter
- Digital Frequency Counter
- Automatic Distortion Meter

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Digital Storage Oscilloscope
GDS-2000 Series

OSCILLOSCOPES

GW Instek provides an entire series of oscilloscope solution, comprised of three groups: Digital Storage Oscilloscope, Analog Oscilloscope, and Real Time/Digital Storage Oscilloscope.

Digital Storage Oscilloscope GDS-Series

The frequency bandwidth ranges from the handy 60MHz to the high-class 250MHz. In addition, 1GS/s realtime sampling rate and 125,000 points memory depth can pick up and hold the complete signal preserving the accuracy. PC interface such as USB, GPIB, RS232, and Printer Port are integrated to the panel to satisfy data transmit/save needs.

Analog Oscilloscope GOS-Series




In this digital competition era, the traditional analog oscilloscope surely and continuously plays the role of "observing the precise waveform" in the test measurement domain. With the frequency ranging from 10MHz to 200MHz, GOS-Series gives the perfect solution when you need to observe an unmodified signal.



Real Time/Digital Storage Oscilloscope GRS-Series


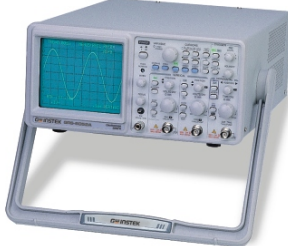

Who said we cannot take both care of two different worlds? GRS-Series provide you with both preciseness of analog waveform and convenience of digital data storage. You can stay in between the traditional and the modern age, between analog and digital domain, obtaining the perfect balance.




PRODUCTS




- Digital Storage Oscilloscope
- Real Time/Digital Storage Oscilloscope
- Analog Oscilloscope




<p>200MHz Digital Storage Oscilloscope</p>	<p>100MHz Digital Storage Oscilloscope</p>	<p>60MHz Digital Storage Oscilloscope</p>
<p>NEW CE</p>  <p>GDS-2202/2204</p>	<p>NEW CE</p>  <p>GDS-2102/2104</p>	<p>NEW CE</p>  <p>GDS-2062/2064</p>
<ul style="list-style-type: none"> * 200 MHz Bandwidth * 2 or 4 Input Channels * 1GS/s Real-Time and 25GS/s Equivalent-Time Sampling * 25k Points Record Length Maximum * Large 5.6-in TFT Color Display * USB Host/Device: Support USB Printer and USB Flashdisk * DC Power Operation (optional) 	<ul style="list-style-type: none"> * 100 MHz Bandwidth * 2 or 4 Input Channels * 1GS/s Real-Time and 25GS/s Equivalent-Time Sampling * 25k Points Record Length Maximum * Large 5.6-in TFT Color Display * USB Host/Device: Support USB Printer and USB Flashdisk * DC Power Operation (optional) 	<ul style="list-style-type: none"> * 60 MHz Bandwidth * 2 or 4 Input Channels * 1GS/s Real-Time and 25GS/s Equivalent-Time Sampling * 25k Points Record Length Maximum * Large 5.6-in TFT Color Display * USB Host/Device: Support USB Printer and USB Flashdisk * DC Power Operation (optional)

<p>150/250MHz Digital Storage Oscilloscope</p>	<p>150/250MHz Digital Storage Oscilloscope</p>	<p>60/100MHz Digital Storage Oscilloscope</p>
<p>CE</p>  <p>GDS-820C/840C</p>	<p>CE</p>  <p>GDS-820S/840S</p>	<p>CE</p>  <p>GDS-806C/810C</p>
<ul style="list-style-type: none"> * 150MHz/250MHz Bandwidth With Either Color LCD Display * 125k Long Memory and 12 Division Horizontal Display * 25GS/s Sampling Rate for Repetitive Waveforms * Advanced Trigger : Pulse Width , TV Line, Event Delay And Time Delay * Go-No Go and Auto Setup Sequence * FFT Function * Built-In Help Manual, Multi-Language and PC Software * Interface : Standard-USB, RS-232C, Printer Port Option-GPIB Interface 	<ul style="list-style-type: none"> * 150MHz/250MHz Bandwidth With Either Monochrome LCD Display * 125k Long Memory and 12 Division Horizontal Display * 25GS/s Sampling Rate for Repetitive Waveforms * Advanced Trigger : Pulse Width , TV Line, Event Delay And Time Delay * Go-No Go and Auto Setup Sequence * FFT Function * Built-In Help Manual, Multi-Language and PC Software * Interface : Standard-RS-232C Option-GPIB Interface 	<ul style="list-style-type: none"> * 60MHz/100MHz Bandwidth With Either Color LCD Display * 125k Long Memory and 12 Division Horizontal Display * 25GS/s Sampling Rate for Repetitive Waveforms * Advanced Trigger : Pulse Width , TV Line, Event Delay And Time Delay * Go/NoGo and Auto Setup Sequence * FFT Function * Built-In Help Manual, Multi-Language and PC Software * Interface : Standard-RS-232C, Option-GPIB Interface,USB Interface,Printer Port,Go/NoGo Output

<p>60/100MHz Digital Storage Oscilloscope</p>	<p>Digital Storage + Analog Oscilloscope</p>	<p>Cursor Readout Analog Oscilloscope</p>
<p>CE</p>  <p>GDS-806S/810S</p>	<p>CE</p>  <p>GRS-6052A/6032A</p>	<p>CE</p>  <p>GOS-6200</p>
<ul style="list-style-type: none"> * 60MHz/100MHz Bandwidth With Either Monochrome LCD Display * 125k Long Memory and 12 Division Horizontal Display * 25GS/s Sampling Rate for Repetitive Waveforms * Advanced Trigger : Pulse Width , TV Line, Event Delay And Time Delay * Go/NoGo and Auto Setup Sequence * FFT Function * Built-In Help Manual, Multi-Language and PC Software * Interface : Standard-RS-232C, GPIB Interface Option-GPIB Interface,USB Interface,Printer Port,Go/NoGo Output 	<ul style="list-style-type: none"> * GRS-6052A:50MHz Bandwidth,2kW/CH Record Length * GRS-6032A:30MHz Bandwidth,2kW/CH Record Length * RTS : 100MS/s , ETS : 500MS/s * Pre-trigger Function * 10 Sets Memory for Front Panel and Waveform Trace Save/Recall * ALT-MAG Function (x5, x10, x20) * Vertical Mode Triggering * Roll Mode to 100s/div * Built-In RS-232C Interface 	<ul style="list-style-type: none"> * 200MHz Bandwidth , Dual Channel, Delayed Sweep * Built-In 6 Digit Universal Counter * Auto Set * 10 Sets Memory for Front Panel Setting Save & Recall * TV-Line Selection (NTSC, PAL, SECAM) * Cursor Readout with 7 Measurements * Trigger Signal Output * Z-axis Modulation Input

Cursor Readout Analog Oscilloscope	Cursor Readout Analog Oscilloscope	Readout Analog Oscilloscope
<p>CE</p>  <p>GOS-6112</p>	<p>CE</p>  <p>GOS-6103/6103C</p>	<p>CE</p>  <p>GOS-6000 Series</p>
<ul style="list-style-type: none"> * 100MHz Bandwidth, Dual Channel, Delayed Sweep * Cursor Readout with 7 Measurements * Trigger Signal Output * Z-Axis Modulation Input 	<ul style="list-style-type: none"> * 100MHz Bandwidth, Dual Channel, Delayed Sweep * Built-In 6 Digit Universal Counter (GOS-6103C) * 10 Sets Memory for Front Panel Setting Save & Recall (GOS-6103/GOS-6103C) * Time Base Auto-range (GOS-6103/GOS-6103C) * Cursor Readout with 7 Measurements * Trigger Signal Output * Z-Axis Modulation Input <p>NOTE: GOS-6103C Without CE Approved</p>	<ul style="list-style-type: none"> * GOS-6051/6050 : 50MHz Bandwidth * GOS-6031/6030 : 30MHz Bandwidth * Vertical : 1mV/div ~ 20V/div * ALT MAG Function (x 5, x 10, x 20) * Vertical Mode Triggering * TV Synchronization * Cursor Measurement (GOS-6051/6031) * Built-In 6 Digit Universal Counter(GOS-6051/6031) * 10 Sets Memory for Front Panel Setting Save & Recall (GOS-6051/6031)

Analog Oscilloscope	Analog Oscilloscope	Analog Oscilloscope
<p>CE</p>  <p>GOS-653G</p>	<p>CE</p>  <p>GOS-652G</p>	<p>CE</p>  <p>GOS-635G/622G</p>
<ul style="list-style-type: none"> * 50MHz Bandwidth, Dual Channel * ALT Triggering Function * Trigger Level Lock Function * Hold Off Function * Delayed Sweep * CH1 Output * Z Axis Modulation Input 	<ul style="list-style-type: none"> * 50MHz Bandwidth, Dual Channel * ALT Triggering Function * Trigger Level Lock Function * Hold Off Function * CH1 Output * Z Axis Modulation Input 	<ul style="list-style-type: none"> * GOS-635G : 35MHz Bandwidth * GOS-622G : 20MHz Bandwidth * High Sensitivity 1mV/div * TV Synchronization * ALT Triggering Function * Hold Off Function * CH1 Output

Analog Oscilloscope	Oscilloscope+Function Generator	Triggering Oscilloscope
<p>CE</p>  <p>GOS-620</p>	<p>CE</p>  <p>GOS-620FG</p>	<p>CE</p>  <p>GOS-310</p>
<ul style="list-style-type: none"> * 20MHz Bandwidth, Dual Channel * High Sensitivity 1mV/div * TV Synchronization * ALT Triggering Function * CH1 Output * Economic Choice for High Quality 	<ul style="list-style-type: none"> * 20MHz Bandwidth, Dual Channel * Built-In 1 MHz Function Generator * High Sensitivity 1mV/div * TV Synchronization * ALT Triggering Function * CH1 Output * Economic Choice for High Quality 	<ul style="list-style-type: none"> * 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



3GHz Spectrum Analyzer
GSP-830

SPECTRUM ANALYZERS

Ever since GW Instek has officially entered the RF field in 2000, our spectrum analyzer lineup has been expanding steadily - now they are in the 3GHz range.

GSP-Series spectrum analyzer have numerous testing functions based on full synthesis and low noise design, including: Marker Measurement, Power Measurement, Limit Line, Dual Trace, and Trigger. Easy and fast measurement adds a true convenience on device usage.

GSP series are equipped with diverse and flexible functionalities, user-friendly panel operation, and complete set of optional items. They fit broad range of applications in laboratories, measurements, and service fields. GSP-Series represent a remarkable achievement in GW Instek's design technology.

PRODUCTS

- 9kHz~3GHz Spectrum Analyzer
- 9kHz~2.7GHz Spectrum Analyzer
- 150kHz~1GHz Spectrum Analyzer

3 GHz Spectrum Analyzer

NEW
CE



GSP-830

- * Frequency Range : 9kHz ~ 3GHz
- * Low Noise Floor (-117dBm @1GHz, 3k RBW)
- * Autoset function
- * Sequence Programming Functions
- * ACPR, OCBW, Channel Power, N-dB Phase Jitter Measurements
- * Pass/Fail Test with Limit Line Editing
- * 5 Markers with Δ Marker, Peak Functions; 10Markers with All Peaks Function
- * Split Windows Allowed Separate Settings
- * AC/DC/Battery Multi-Mode Power Operation
- * USB/RS232/GPIB (Optional) Interface
- * Direct VGA Output
- * 6.4" TFT Color LCD, Resolution: 640x480
- * Compact Size, 330(W) x170 (H)x340 (D) mm
- * Light Weight of 5.8kg Without Options
- * Optional Tracking Generator
- * Optional Preamplifier

2.7 GHz Spectrum Analyzer

CE



GSP-827

- * Frequency Range : 9kHz ~ 2.7GHz
- * Input Range : -100dBm ~ +20dBm
- * Average Noise Floor : -100dBm
- * Power Measurements : ACPR/OCBW/CH Power
- * Split Window : Simultaneous Measurements in Two Separate Frequency Spans
- * 10 Markers : Delta Mode, Peak Search, Peak Track
- * TG : 9kHz ~ 2.7GHz, -50dBm ~ 0dBm (Option)
- * EMI Filters (Option)
- * AC/DC/Battery Operation (Option)

1 GHz Spectrum Analyzer

CE



GSP-810

- * Frequency Range : 150kHz ~ 1GHz
- * Fully Digital Phase Locked Loop Technique Design
- * High Frequency Stability : ± 10 ppm
- * High Resolution of Span to Measure the More Detailed Signal : Zero, 2kHz ~ 100MHz/div
- * Two Markers for Absolute and Relative Measurement
- * RS-232C Interface and Software to Get Trace from GSP-810 to PC
- * Options : Power Meter, Tracking Generator, Remote Control Software



DDS Function Generator SFG-2000 Series

SIGNAL SOURCES

A variety of signal generators, ranging from linear technology with 2MHz - 150MHz bandwidth to DDS technology with 4MHz~ 10MHz, has been provided for applications such as low frequency, IF, RF, etc. These generators are suited well for educational research, quality testing, and signal source in wireless communication system.

No matter where the demand comes from, such as product development, automated production line, or post-sales support, GW Instek signal generator will support you with the required functionality, reliability, and quality.

PRODUCTS

- Programmable Function Generator
- DDS Function Generator
- Analog Function Generator
- FM/AM Signal Generator
- RF Generator
- Audio Generator

DDS Function Generator

NEW
CE



SFG-2104/2107/2110 (4/7/10 MHz)

- * DDS Technology and FPGA Chip Design
- * Frequency Range: 0.1Hz~4MHz/7MHz/10MHz
- * High Frequency Accuracy : ± 20 ppm
- * High Frequency Stability : ± 20 ppm
- * Frequency Resolution : 100mHz
- * Low Distortion Sine Wave: -55dBc, 0.1Hz~200kHz
- * Built-In 6 Digits, 150MHz/High Resolution Counter
- * INT/EXT AM/FM Modulation
- * LIN/LOG Sweep Mode
- * Front Panel Setting Save/Recall with 10 Groups

DDS Function Generator

NEW
CE



SFG-2004/2007/2010 (4/7/10 MHz)

- * DDS Technology and FPGA Chip Design
- * Frequency Range: 0.1Hz~4MHz/7MHz/10MHz
- * High Frequency Accuracy : ± 20 ppm
- * High Frequency Stability : ± 20 ppm
- * Frequency Resolution : 100mHz
- * Low Distortion Sine Wave: -55dBc, 0.1Hz~200kHz
- * Front Panel Setting Save/Recall with 10 Groups of Setting Memories

Programmable Function Generator

CE



CFG-3015

- * Frequency Range : 0.01Hz~15MHz
- * 10mHz Frequency Resolution
- * Dual Displays Indicate Frequency and Amplitude
- * Built-In 6 Digit Counter With INT/EXT Function up to 150MHz/High Resolution
- * Output Waveforms Sine, Square, Triangle, Ramp, Pulse, AM, FM, Sweep, Trigger and Gate or Burst
- * VCF for 100:1 EXT Frequency Control
- * INT/EXT AM/FM Modulation
- * LIN/LOG Sweep Mode
- * Standard Interface : RS-232C

Function Generator

CE



GFG-8215A

- * Frequency Range : 0.3Hz ~ 3MHz
- * Waveforms : Sine, Triangle, Square, Ramp, TTL and CMOS Output
- * External Voltage Controlled Frequency (VCF) Function
- * Duty Cycle Control with Signal Inversion Capability
- * Variable DC Offset Control
- * Two-Step (-20dBx2) and Variable Attenuator

Function Generator

CE



GFG-8255A/8250A

- * Frequency Range : 0.5Hz ~ 5MHz
- * Waveforms : Sine, Triangle, Square, Ramp, TTL and CMOS Output
- * Variable DC Offset Control
- * Two-Step (-20dBx2) and Variable Attenuator
- * Built-In 6 Digit Counter with INT/EXT Function up to 150MHz/High Resolution
- * INT/EXT AM/FM Modulation (GFG-8255A)
- * LIN/LOG Sweep Mode (GFG-8255A)

Function Generator

CE



GFG-8219A/8217A/8216A

- * Frequency Range : 0.3Hz ~ 3MHz
- * Waveforms : Sine, Triangle, Square, Ramp, TTL and CMOS Output
- * Variable DC Offset Control
- * Two-Step (-20dBx2) and Variable Attenuator
- * Built-In 6 Digit Counter with INT/EXT Function up to 150MHz/High Resolution
- * INT/EXT AM/FM Modulation (GFG-8219A)
- * LIN/LOG Sweep Mode (GFG-8219A/8217A)

Function Generator

CE



GFG-8015G

- * Frequency Range : 0.2Hz ~ 2MHz
- * Waveforms : Sine, Triangle, Square, TTL Pulse
- * 1000 : 1 Tuning Range
- * Two-Step Attenuator Plus Variable Control
- * Variable DC Offset Control
- * Output Overload Protection

Function Generator

CE



GFG-8020H

- * Frequency Range : 0.2Hz ~ 2MHz
- * Coarse and Fine Tuning
- * Waveforms : Sine, Triangle, Square, TTL Pulse
- * CMOS Output
- * Built-In 4 Digit Counter (INT Only)
- * Large 0.5" LED Display
- * Variable DC Offset Control
- * Output Overload Protection

Audio Generator

CE



GAG-809/810

- * Frequency Range 10Hz ~ 1MHz
- * 0.02% Low Sine wave Distortion (GAG-810 Only)
- * 6 Steps Output Attenuator
- * EXT SYNC Function



Smart Choice for Linear and Switching Power Supply PSH-Series & PSM-Series

POWER SUPPLIES




GW Instek provides the most reliable and complete power supply lineup you can find in the Electronic Industry.




Considering the market request for performance, price, and quality, we provide you with a complete product lineup of power supply: Linear or Switching, programmable or non-programmable, single or multiple output, high Precision, Dual-Range, all different combinations of voltage and current.




GW Instek power supplies have been widely used in broad applications such as product design, verification, production testing, and in the laboratory.




PRODUCTS




- Programmable Linear DC Power Supply
- Linear DC Power Supply
- Programmable Switching DC Power Supply
- Switching DC Power Supply
- AC Power Source




Programmable D.C. Power Supply			Programmable D.C. Power Supply			Programmable D.C. Power Supply		
								
PST-Series <ul style="list-style-type: none"> * High Resolution Triple Output 10mV, 1mA * 192 x 128 LCD Display, Display Several Setting and Measuring Result Simultaneously * Over-Voltage, Over-Current, Over Temperature Protection * 100 Sets Memory for Setting Save, Auto Running * Provided Auto Series and Parallel Function * Standard Interface : RS-232C * Labview Driver * Option Interface : GPIB 			PPT-1830G/3615G <ul style="list-style-type: none"> * Triple Output * High Resolution : 10mV, 1mA * Over Voltage Protection, Over Current Protection * Memory Store and Recall 50 Sets * Auto Series and Parallel Operation * Auto Step Running with Timer Setting * IEEE-488.2 and SCPI compatible command set * Labview Driver 			PPE-1323/3323 <ul style="list-style-type: none"> * Triple Output * High Resolution : 10mV, 1mA * OVP, OCP Protection (by Software) * Memory Store and Recall 50 Sets * Auto Tracking * Auto Step Running With Timer Setting * Standard Interface : RS-232C 		
Model	PST-3202	PST-3201	Model	PPT-1830G	PPT-3615G	Model	PPE-3323	
Voltage	0 ~ 32V x 2, 0 ~ 6V x 1	0 ~ 32V x 3	Voltage	0 ~ 18V x 2, 0 ~ 6V x 1	0 ~ 36V x 2, 0 ~ 6V x 1	Voltage	0 ~ +32V, 0 ~ -32V, 3.3V/5V FIXED	
Current	0 ~ 2A x 2, 0 ~ 5A x 1	0 ~ 1A x 3	Current	0 ~ 3A x 2, 0 ~ 5A x 1	0 ~ 1.5A x 2, 0 ~ 3A x 1	Current	0 ~ +3A, 0 ~ -3A, 3A FIXED	

Programmable Dual-Range D.C. Power Supply			Programmable D.C. Power Supply			Multi-Output D.C. Power Supply					
											
PSM-Series <ul style="list-style-type: none"> * High Resolution: 1mV/1mA * 0.01% Load/Line Regulation, 350µVrms Ripple * Auto Step Runing with timer Setting and 100 Sets Memory * Safety Design:OVP,OCP & OTP;Output ON/OFF Control * Self-Test and Software Calibration * High Visible Vacuum-Fluorescent Display * Front and Rear Output Terminal * Labview Driver * Standard Interface : RS-232C, GPIB 			PSS-Series <ul style="list-style-type: none"> * High Resolution 10mV, 1mA * Over-Voltage, Over-Current, Over Temperature Protection * Labview Driver * Intelligent Fan Control * Built-In Buzzer Alarm * Standard Interface : RS-232C * Option Interface : GPIB * Labview Driver (Unable to Install RS-232C and GPIB Simultaneously) 			GPC-6030D/3060D <ul style="list-style-type: none"> * Triple Output * Auto Tracking * Auto Series and Parallel Operation * Constant Voltage and Constant Current Operation * Low Ripple and Noise * Internal Select for Continuous or Dynamic Load * Overload and Reverse Polarity Protection 					
Model	PSM-2010	PSM-3004	PSM-6003	Model	PSS-2005	PSS-3203	Model	Independent	Series	Parallel	
Low Range	0 ~ 8V/20A	0 ~ 15V/7A	0 ~ 30V/6A	Voltage	0 ~ 20V x 1	0 ~ 32V x 1	GPC-6030D	0 ~ 60V x 2	0 ~ 3A x 2	120V 3A	60V 6A
High Range	0 ~ 20V/10A	0 ~ 30V/4A	0 ~ 60V/3.3A	Current	0 ~ 5A x 1	0 ~ 3A x 1	GPC-3060D	0 ~ 30V x 2	0 ~ 6A x 2	60V 6A	30V 12A

Multi-Output D.C. Power Supply					D.C. Power Supply			D.C. Power Supply			
											
GPS-2303/3303/4251/4303 <ul style="list-style-type: none"> * 2, 3 and 4 Independent Isolated Output * 0.01% Load and Line Regulation * Low Ripple and Noise * Tracking Operation and Auto Series/Parallel Operation * Output Voltage and Current Setting When Output Disable * Fan Speed Control Circuit to Minimize Fan Noise 					GPR-U Series <ul style="list-style-type: none"> * 0.01% High Regulation * Constant Voltage and Constant Current Operation * Low Ripple and Noise * Overload and Reverse Polarity Protection * 3 1/2 Digits 0.5" LED Display 			GPR-H Series <ul style="list-style-type: none"> * 0.01% High Regulation * Constant Voltage and Constant Current Operation * Internal Select for Continuous or Dynamic Load * Low Ripple and Noise * Overload and Reverse Polarity Protection * 3 1/2 Digits 0.5" LED Display 			
Model	GPS-4303		GPS-4251		GPS-3303	GPS-2303	Model	GPR-0830HD		GPR-1820HD	
	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2	GPR-3510HD	
Voltage	0 ~ 30V	2.2 ~ 5.2V	8 ~ 15V	0 ~ 25V	3 ~ 6V	8 ~ 15V	0 ~ 30V	5V Fixed	0 ~ 30V	GPR-6060D	0 ~ 60V
Current	0 ~ 3A	1A Max.	1A Max.	0 ~ 0.5A	2.5A Max.	1A Max.	0 ~ 3A	3A Max.	0 ~ 3A	GPR-7550D	0 ~ 75V
										GPR-11H30D	0 ~ 110V
										GPR-30H10D	0 ~ 300V
											Output Amps
											0 ~ 8 V
											0 ~ 20 A
											0 ~ 10 A
											0 ~ 6 A
											0 ~ 5 A
											0 ~ 3 A
											0 ~ 1 A

D.C. Power Supply			D.C. Power Supply			Programmable Switching D.C. Power Supply																																																									
 <p>GPR-M Series</p> <ul style="list-style-type: none"> * 0.01% High Regulation * Constant Voltage and Constant Current Operation * Internal Select for Continuous or Dynamic Load * Low Ripple and Noise * Overload and Reverse Polarity protection * 3 1/2 Digits 0.5" LED Display 			 <p>GPS-Series/GPS-3030DD</p> <ul style="list-style-type: none"> * Light and Compact Design * 0.01% High Regulation * Constant Voltage and Constant Current Operation * Series or Parallel Operation Function * Remote Control for External Programmable * Internal Select for Continuous or Dynamic Load * Overload and Reverse Polarity protection 			 <p>PSP-Series</p> <ul style="list-style-type: none"> * LCD Display * Output ON/OFF Control * OVP, OCP & OPP Protection * Normal, +% & -% Output Operation Key * High Efficiency and High Power Density * Standard : RS-232C 																																																									
<table border="1"> <thead> <tr> <th>Model</th> <th>Output Volts</th> <th>Output Amps</th> </tr> </thead> <tbody> <tr> <td>GPR-1810HD</td> <td>0 ~ 18 V</td> <td>0 ~ 10 A</td> </tr> <tr> <td>GPR-3060D</td> <td>0 ~ 30 V</td> <td>0 ~ 6 A</td> </tr> <tr> <td>GPR-6030D</td> <td>0 ~ 60 V</td> <td>0 ~ 3 A</td> </tr> </tbody> </table>			Model	Output Volts	Output Amps	GPR-1810HD	0 ~ 18 V	0 ~ 10 A	GPR-3060D	0 ~ 30 V	0 ~ 6 A	GPR-6030D	0 ~ 60 V	0 ~ 3 A	<table border="1"> <thead> <tr> <th></th> <th>Model</th> <th>Output Volts</th> <th>Output Amps</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Analog</td> <td>GPS-1830</td> <td>0 ~ 18 V</td> <td>0 ~ 3 A</td> </tr> <tr> <td>GPS-1850</td> <td>0 ~ 18 V</td> <td>0 ~ 5 A</td> </tr> <tr> <td>GPS-3030</td> <td>0 ~ 30 V</td> <td>0 ~ 3 A</td> </tr> <tr> <td rowspan="4">Digital</td> <td>GPS-1830D</td> <td>0 ~ 18 V</td> <td>0 ~ 3 A</td> </tr> <tr> <td>GPS-1850D</td> <td>0 ~ 18 V</td> <td>0 ~ 5 A</td> </tr> <tr> <td>GPS-3030D</td> <td>0 ~ 30 V</td> <td>0 ~ 3 A</td> </tr> <tr> <td>GPS-3030DD</td> <td>0 ~ 30 V</td> <td>0 ~ 3 A</td> </tr> </tbody> </table>				Model	Output Volts	Output Amps	Analog	GPS-1830	0 ~ 18 V	0 ~ 3 A	GPS-1850	0 ~ 18 V	0 ~ 5 A	GPS-3030	0 ~ 30 V	0 ~ 3 A	Digital	GPS-1830D	0 ~ 18 V	0 ~ 3 A	GPS-1850D	0 ~ 18 V	0 ~ 5 A	GPS-3030D	0 ~ 30 V	0 ~ 3 A	GPS-3030DD	0 ~ 30 V	0 ~ 3 A	<table border="1"> <thead> <tr> <th></th> <th>Model</th> <th>PSP-603</th> <th>PSP-405</th> <th>PSP-2010</th> </tr> </thead> <tbody> <tr> <td>Voltage</td> <td></td> <td>0 ~ 60V x 1</td> <td>0 ~ 40V x 1</td> <td>0 ~ 20V x 1</td> </tr> <tr> <td>Current</td> <td></td> <td>0 ~ 3.5A x 1</td> <td>0 ~ 5A x 1</td> <td>0 ~ 10A x 1</td> </tr> </tbody> </table>					Model	PSP-603	PSP-405	PSP-2010	Voltage		0 ~ 60V x 1	0 ~ 40V x 1	0 ~ 20V x 1	Current		0 ~ 3.5A x 1	0 ~ 5A x 1	0 ~ 10A x 1
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GPR-1810HD	0 ~ 18 V	0 ~ 10 A																																																													
GPR-3060D	0 ~ 30 V	0 ~ 6 A																																																													
GPR-6030D	0 ~ 60 V	0 ~ 3 A																																																													
	Model	Output Volts	Output Amps																																																												
Analog	GPS-1830	0 ~ 18 V	0 ~ 3 A																																																												
	GPS-1850	0 ~ 18 V	0 ~ 5 A																																																												
	GPS-3030	0 ~ 30 V	0 ~ 3 A																																																												
Digital	GPS-1830D	0 ~ 18 V	0 ~ 3 A																																																												
	GPS-1850D	0 ~ 18 V	0 ~ 5 A																																																												
	GPS-3030D	0 ~ 30 V	0 ~ 3 A																																																												
	GPS-3030DD	0 ~ 30 V	0 ~ 3 A																																																												
	Model	PSP-603	PSP-405	PSP-2010																																																											
Voltage		0 ~ 60V x 1	0 ~ 40V x 1	0 ~ 20V x 1																																																											
Current		0 ~ 3.5A x 1	0 ~ 5A x 1	0 ~ 10A x 1																																																											

Programmable Switching D.C. Power Supply					Programmable Switching D.C. Power Supply					Programmable Switching D.C. Power Supply																																																	
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Switching D.C. Power Supply						A.C. Power Source			A.C. Power Source																																													
 <p>SPS-1230/1820/2415/3610/606</p> <ul style="list-style-type: none"> * Two Digital Panel Meters * 0.01 % High Regulation * Constant Voltage and Constant Current Operation * High Efficiency * High Power Density * Overload and Reverse Polarity Protection 						 <p>APS-9301/9501</p> <ul style="list-style-type: none"> * True RMS Meter * Frequency, Volts, AMPS, Watts and Power Factor Display * 4 Sets of "Save/Recall" Voltage/Frequency Memory * Over Current Protection and Over Temperature Protection 			 <p>APS-9102</p> <ul style="list-style-type: none"> * True RMS Meter * Frequency, Volts, AMPS, Watts and Power Factor Display * 4 Sets of "Save/Recall" Voltage/Frequency Memory * Over Current Protection and Over Temperature Protection 																																													
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High Precision LCR Meter
AC/DC/IR/GB Electrical Safety Tester

LCR-800 Series
GPI-700 Series

COMPONENT & SAFETY TESTERS

Basic measurement instruments can be divided into general measurement, component testing, and safety testing.

For general measurement, we provide you with Multi-Meter in 5 1/2 digit, 4 1/2 digit, as well as 3 1/2 digit with desktop and hand-held type.

For component testing, LCR Meter with 200kHz wide frequency and 0.05% high accuracy is available.




For safety testing, GPI/ GPT-Series Safety Tester give you safe and quick measurement environment with AC/DC Withstanding Voltage test, Insulation Resistance test, and Continuity Check functionality.

In order to provide the customer with a complete "One Stop Shopping" solution, GW Instek also has other lineups from which you can choose: 120MHz - 2.7GHz High Precision Frequency Counter, Automatic Distortion Meter, AC Millivolt Meter, Digital IC/FLASH Writer...



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- Intelligent Counter
- AC Power Meter
- LCR Meter
- Electrical Safety Tester
- Milli-Ohm Meter
- AC Millivolt Meter
- Digital Frequency Counter
- Automatic Distortion Meter

<p style="text-align: center;">High Precision LCR Meter</p>	<p style="text-align: center;">High Precision LCR Meter</p>	<p style="text-align: center;">D.C. Milli-Ohm Meter</p>
<p>NEW CE</p> 	<p>CE</p> 	<p>CE</p> 
<p>LCR-821</p>	<p>LCR-819/829 (12 Hz~100 kHz) LCR-817/827 (12 Hz~10 kHz) LCR-816/826 (100 Hz~2 kHz)</p>	<p>GOM-802</p>
<ul style="list-style-type: none"> * Test Frequency: 12Hz ~ 200kHz, Continuously Variable Frequencies * 0.1% Measurement Accuracy * 100 Sets Memory for Save/Recall of Setup State * R/Q, C/D, C/R, L/Q, Z/θ, L/R Test Modes * Absolute Value, ΔValue, and Δ% Measurement Display * 240 x 128 dot Matrix LCD Display * RS-232C (Including LCR-Viewer Software) (Standard) 	<ul style="list-style-type: none"> * 0.05%~0.1% Measurement Accuracy * 100 Sets Memory for Save/Recall of Setup State * R/Q, C/D, C/R, L/Q Test Modes * Absolute Value, ΔValue, and Δ% Measurement Display * Test Condition and Test Result Shown on the Screen Simultaneously * Handler Interface (LCR-829/827/826) * Option:RS-232C(Including LCR Viewer Software) (LCR-819/817/816 only) 	<ul style="list-style-type: none"> * 30000 Counts Display * High Accuracy 0.05% * Hi/Lo Comparator and Limit Percent Setting * Measurement of REL, Actual and % Value * Continuous or Triggered Measurement Mode * Temperature Compensation and Measurement * Four-Terminal Measurement Technique * Scan, Handler Interface (Standard) * Option : RS-232C, GPIB Interface

<p style="text-align: center;">D.C. Milli-Ohm Meter</p>	<p style="text-align: center;">AC/DC/IR/GB Electrical Safety Tester</p>	<p style="text-align: center;">AC/DC/IR Electrical Safety Tester</p>
<p>CE</p> 	<p>CE</p> 	<p>CE</p> 
<p>GOM-801H</p>	<p>GPI-745A</p>	<p>GPT-705A/715A & GPI-725A/735A</p>
<ul style="list-style-type: none"> * Measures from 20mΩ ~ 20kΩ in 7 Ranges * 1A High Test Current * High Resolution 10 Ω * Hi/Lo Comparator Indicator * 3 1/2 Digits 0.5" LED Display * "PASS" Buzzer Output 	<ul style="list-style-type: none"> * 200VA Test Capacity * AC/DC Withstanding Voltage Test & Insulation Resistance Test & Ground Bond Test * Arc Detection * Zero Crossing Turn-On Operation Switch * Controllable Ramp-Up Time * True RMS Cut-Off Current Measurement * Automatic FAIL Indicator of Alarm Lamp and Buzzer * 9 pins Remote Control for START, RESET, and Test Result Output * Scanner Box for Automatic Test (Option) * Interface : RS-232C(Standard), GPIB(Optional) 	<ul style="list-style-type: none"> * 200VA Test Capacity * AC/DC Withstanding Voltage Test & Insulation Resistance Test * Arc Detection * Zero Crossing Turn-On Operation Switch * Controllable Ramp-Up Time * True RMS Cut-Off Current Measurement * Automatic FAIL Indicator of Alarm Lamp and Buzzer * 9 pins Remote Control for START, RESET, and Test Result Output * Scanner Box for Automatic Test (Option) * Interface : RS-232C(Standard), GPIB(Optional)

<p style="text-align: center;">AC/DC/IR Electrical Safety Tester</p>	<p style="text-align: center;">Dual Display Digital Multimeter</p>	<p style="text-align: center;">A.C. Power Meter</p>
<p>NEW CE</p> 	<p>CE</p> 	
<p>GPT-805/815 & GPI-825/826</p>	<p>GDM-8246/8245</p>	<p>GPM-8212</p>
<ul style="list-style-type: none"> * 500VA AC Test Capacity (GPT-805/815,GPI-825) * True RMS Current Readback * Arc Detection * Zero Turn-On Operating Switch (for GPT-805, GPT-815, GPI-825) * 3 Ranges of Adjustable Cut Off Current * Digital Display for Voltage, Current and Timer at Same Time * Automatic FAIL Indicator of Alarm Lamp and Buzzer * 9 Pin Remote Control for START, RESET 	<ul style="list-style-type: none"> * 50000 Counts Display * Multi-Function ACV,DCV,ACA,DCA,R,C,HZ,Continuity Beeper,Diode Test,Max/Min,REL,Auto Hold,dBm,Compare * Dual Display Indicate ACV and Hz, DCV(ACV) and dBm or DCV and ACV Ripple * 20A Current Range With High Energy Fuse Protection * AC True RMS or AC + DC True RMS * 0.02% DCV Accuracy(GDM-8246) * ACV Measuring Frequency Up to 100kHz(GDM-8246) * RS-232C Interface & GPIB Interface(Optional) (GDM-8246) 	<ul style="list-style-type: none"> * Simultaneous Display of W, A, V (PF or Hz) * True RMS V, A, W * Auto Calibration Via Computer * Max. / Min. / Hold Function * High Immunity to External Noise * CT Ratio (1 ~ 9999) * PT Ratio (1 ~ 9999) * Option : RS-232C or RS-485 Interface

Intelligent Counter	Digital Frequency Counter	Digital IC Tester
 <p>GFC-8270H/8131H</p> <ul style="list-style-type: none"> * GFC-8270H : 0.01Hz ~ 2.7GHz Frequency Range GFC-8131H : 0.01Hz ~ 1.3GHz Frequency Range * 10mV rms High Sensitivity * 100nHz Resolution for 1Hz * Frequency and Period Measurement * High Resolution at Both High and Low Frequency * Variable Trigger Level Control 	 <p>GFC-8010H</p> <ul style="list-style-type: none"> * Range : 1Hz ~ 120MHz * 8 Digit Display (0.3" LED) * 15mVrms High Sensitivity * 5PPM High Stability Time Base * Frequency and Period Measurement * Low Pass Filter Function * Over-Flow Indicator 	 <p>GUT-6000A</p> <ul style="list-style-type: none"> * Loop Test * Auto-Search * Self-Diagnosis * Over-Load Protection * Measures 1800 Kinds Device * 54/74 Series TTL and High Speed CMOS * 4000 and 4500 Series CMOS * Test Socket : 28-Pin

Automatic Distortion Meter	AC Millivolt Meter	Clamp Watt Meter
 <p>GAD-201G</p> <ul style="list-style-type: none"> * Automatic Level & Distortion Measurements * Auto or Hold Function Can Be Selectable * 0.1% ~ 100% in 7 Distortion Measuring Ranges * 20Hz ~ 20kHz in 3 Continuous Ranges * 400Hz, 1kHz, 10kHz 3 Spot Frequency * 1mVrms ~ 300Vrms in 12 ACV Measuring Ranges 	 <p>GVT-427B (2 CH)/417B (1 CH)</p> <ul style="list-style-type: none"> * 300 μV Full Scale Sensitivity * Measures Frequency From 10Hz ~ 1MHz * Measures From -70dB ~ +40dB in 12 Ranges * Dual Channel (GVT-427B) 	 <p>GWM-039</p> <ul style="list-style-type: none"> * AC/DC Current up to 1000 Amp * Active Power(VAcos ϕ), Apparent Power (VA), Reactive Power(VA sin ϕ) and Power Factor(cos ϕ) * Surge Mode for Inrush Current Measurement * Power, Current, Voltage, Frequency, and Resistance Measurement * Data Hold, Max/Min, and Crest Factor Reading * MAX Clamp Size : \varnothing 50mm

Hand-Held Digital Multimeter	Hand-Held Digital Multimeter	Hand-Held Digital Multimeter
 <p>GDM-350A</p> <ul style="list-style-type: none"> * 3 1/2 Digits 1999 counts * Manual Ranging * Continuity Beeper/Diode Test * Temperature Measurement 	 <p>GDM-451/356</p> <ul style="list-style-type: none"> * 4 1/2 Digits 19999 counts (GDM-451) * 3 1/2 Digits 1999 counts (GDM-356) * Manual Ranging * Continuity Check/Diode Test * Data Hold(GDM-451) * Temperature Measurement * Capacitance, Frequency Measurement 	 <p>GDM-396/394</p> <ul style="list-style-type: none"> * 3999 Counts Auto/Manual Ranging * High Energy Fused for 10A Range * Capacitance, Frequency Measurement * Continuity Beeper/Diode Test * Data Hold/Relative Mode * True RMS/RS232C (GDM-396)



This short form represents the major of the GW Instek product line with a brief explanation of the individual products. For more detailed information, please visit our web-site.

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