## DIGITAL STORAGE OSCILLOSCOPE



The brand new portable 7" full touch panel capacitive LCD, featuring multi-point touch panel method which allows engineers to move waveform position, adjust waveform size, and set trigger conditions easily, subverts the traditional handheld instrument. With this unique feature, engineers can retrieve DUT's signals easily under the complex working environment. Landscape or portrait measurement display not only clearly shows waveforms under full screen status but also combines multi-functional measurement environment to achieve unimaginable measurement results.

Built-in, the second to none, the longest 5M sample memory depth helps engineers diagnose waveforms in great details. The long memory depth can record detailed waveform data and help engineers reproduce the original waveforms while engineers are conducting long observation or retrieving detailed transient signals. Any delicate changes of analog waveforms can be clearly presented in front of engineers when they adjust time scale from long to short that leaves no measurement problems unanswered.

Built-in 50,000 counts (GDS-300) or 5,000 counts (GDS-200) DMM helps engineers accurately measure DUT's electric parameters including not only measurements of D.C. voltage, A.C. voltage, D.C. current, A.C. current, resistance and diode polarity, but also temperature measurement and monitoring. The analysis of trend diagrams further completes test and measurement. DMM can simultaneously work with oscilloscope to conduct multi-measurement tasks. Normally, engineers wish to effectively record intermittent signals while retrieving a series of signals during a long period of time. GDS-300/GDS-200's built-in 30,000 consecutive waveform records logging function not only records 30,000 waveform records in a long period of time but also replays the recorded data that allows engineers to identify intermittent problems occurred during the recorded time. Leave no problems unidentified.

Engineers need to isolate power and solve corresponding grounding issue while conducting circuit debugging. One of the criteria engineers must overcome is to maintain system grounding and isolation safety in the strict test and measurement environment such as no grounding system or no isolation. GDS-300/200 provide optional differential probe to effectively assist engineers in solving isolation and grounding problems that elevates the efficiency and safety of test and measurement.

Engineers often need some calculation tool software to conduct circuit design and debugging analysis during the R&D process. GDS-300/200 oscilloscopes, with the built-in standard engineering calculator, allow engineers to verify parameters during the test and measurement process. While using unknown resistance, engineers can obtain resistance value via color coding calculation software. If any attenuator was designed in the circuit, GDS-300/200 can also provide corresponding attenuator model and attenuation value calculation.

# GDS-300/200 Series

#### FEATURES

- 200/100/70MHz Bandwidth Selections, Two Input Channels
- 1GSa/s Maximum Sample Rate
- Maximum 5M/1M Memory Depth Per Channel
- 7" 800 x 480 Full Touch Panel Capacitive LCD Multi-Point Control, Landscape and Portrait Display
- Built-In 50,000/5,000 Counts DMM
- 30,000 Consecutive Waveform Records Logging Function, Replay Measurement Results Any Time
- Temperature Measurement and Logging Function
- Built-In Engineering Calculator, SMD Resistance Coding, Color Coding Info, and Attenuator Calculation Application Software
- Optional Differential Probe to Achieve Isolation Effect



GDS-300/200 Series Front



GDS-300 Series Rear Panel



**GDS-200 Series Rear Panel** 

### APPLICATIONS

- Large Electric System Tests
- Power Product Tests
- Motor Tests
- Solar Power Battery Inspection and Repair
- Maintenance Personnel Always on Field Assignments



GDS-300/200 Series

	NS	GDS-307	GDS-310	GDS-320	GDS-207	GDS-210	GDS-220	
VERTICAL	Channels	2 (BNC-Shield)		000 520	000 207	000 210		
	Input Impedance	1MΩ±2%, 16.5pt	approx.					
	Maximum Input	CAT II 300VRMS AC, DC, GND						
	Input Coupling Bandwidth	ISA ISA	DC~100MHz (-3dB)	DC~200MHz (-3dB)	DC~70MHz (-3dB)	DC~100MHz(-3dB)	DC~200MHz (-30	
	Rise Time	<5ns	<3.5ns	<1.75ns	<5ns	<3.5ns	<1.75ns	
	Sensitivity Accuracy	2mV/div~10V/div ±(3% x Readout +	(1-2-5  increments)					
	Bandwidth Limit	20MHz(-3dB)	0.1 div + 111v)					
	Polarity	Normal, Invert			and which the second of			
	Offset Position Range		liv : ±0.4V; 100mV/	div~500mV/div : ±4	4V; 1V/div~5V/div : ±4	40V; 10V/div : ±30	00V	
SIGNAL ACQUISITION	Realtime Sample Rate Memory Depth	1GSa/s 5Mpoints per ch						
	Acquisition Mode	Average : 2~256 waveforms; Peak detect : 10ns; sin(x)/x or ET						
	Replay Wfms.	30,000 wfms.		, (),				
TRIGGER	Source Trigger mode	Ch1 or Ch2	ale Farmer					
	Trigger type Edge, Pulse Width, Video, Alternate							
	Trigger Holdoff	10ns ~ 10s						
	Coupling Sensitivity	AC, DC, LFR, HFR, NR DC~25MHz : approx. 0.5div or 5mV; 25MHz~ 70/100/200MHz : approx. 1.5div or 15mV						
HORIZONTAL	Range	5ns~100s/Div (1-		2510112-270710072	0000112 . approx. 1.50			
	Roll	100ms/div ~ 100s/div						
	Pre-trigger	10 div max.						
	Post-trigger Accuracy	1,000 div max(depend on time base) ±20ppm over any > 1ms time interval						
XY MODE	Phase Shift	±3° at 100KHz						
CURSOR AND	Cursors		between cursors(/	∖V), Time differend	ce between cursors (A	T), frequency me	asure(1/△T)	
MEASUREMENT	Auto-measurement Auto-counter	36 sets.	Voltage difference between cursors(△V), Time difference between cursors(△T), frequency measure(1/△T) 36 sets. 6 digits. Range: 2Hz to rated bandwidth					
	Auto-counter Autoset	6 digits. Range: 2	Hz to rated bandwi	ith				
TEMPERATURE MEASUREMENT		Available			Non-Available			
MISCELLANEOUS	Multi-Language Menu	Available						
	On-line Help Time and Clock	Available Available						
BATTERY	Battery power		A/hr, 7.4V (Built-in	1				
DATTERT	Charge time	2.0 hour (75%)						
	Operation time		ng on operating co	ndition.				
PROBE COMPENSATION		2V, 1kHz, 50% Du						
INTERFACE	USB Internal Flash Disk	USB Device (Isola 120MB	ation)					
DISPLAY	Туре	7 inch						
	Display Resolution Display Direction	480 x 800 pixels						
	Backlight Control	Landscape & Por Manual adjustabl						
Norm Ann Adrian. An	Touch Panel	Capacitive						
DMM	Digit Level	50,000 counts CAT II 600VRMS,			5000 counts			
	DC Voltage Range		50V, 500V, 1000V	5 ranges				
	Accuracy Input Impedance		50mV,500mV,5V,50V,5	00V±(0.05%+5digits)	); GDS-220/210/207:50i	mV,500mV,5V,500V,	1000V±(0.1%+5dig	
	DC Current Range	10M Ω 50mA, 500mA, 10	A 3 ranges					
	Accuracy				5 digits),10A±(0.5% +	1 digit)		
	AC Voltage Range		7:50mA~500mA, 10 50V, 700V 5 range		s + Taigit)			
	Accuracy		50V, 700V ±(1.5%	+ 15 digits) at 50H	z~1kH			
	AC Current Range Accuracy	50mA, 500mA, 10 50mA, 500mA, +		t 50Hz~1kHz: 10A	±(3% + 15 digits) at 2	50Hz~1kHz *Mea	10	
		PERSONAL PROPERTY AND A PERSONAL PROPERTY AND A PERSON AN	Ω, 500ΚΩ, 5ΜΩ 6		-(-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-			
	RESISTANCE Range							
	RESISTANCE Range Accuracy	<b>500</b> Ω, <b>5</b> KΩ, <b>5</b> 0K	Ω, 500KΩ ±(0.3%	+ 3 digits); 5M $\Omega \pm ($	0.5% + 5 digits) *Mea	surement range:50		
	RESISTANCE Range Accuracy Diode Test Temperature Range	500Ω, 5KΩ, 50K Maximum forwar -50°C ~ +1000°C	$\Omega$ , 500K $\Omega \pm (0.3\%)$ d voltage 1.5V, Ope	+ 3 digits); 5M $\Omega \pm ($	0.5% + 5 digits) *Mea	surement range:50(		
	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0.1°C	Ω, 500KΩ ±(0.3%) d voltage 1.5V, Ope	+ 3 digits); 5MΩ±( 1 voltage 2.8V			2~5MΩ	
	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0.1°C B, E, J, K, N, R, <15 Ω	$\Omega$ , 500K $\Omega$ ±(0.3%) d voltage 1.5V, Ope S, T *Specifications do	+ 3 digits); 5M Ω±( 1 voltage 2.8V not include probe acc	0.5% + 5 digits) *Mea uracy. Temperature specif		2~5MΩ	
	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions	$500 \Omega$ , $5K \Omega$ , $50K$ Maximum forwan $-50^{\circ}C \sim +1000^{\circ}C$ $0.1^{\circ}C$ B, E, J, K, N, R, $< 15 \Omega$ Auto Range, Max,	Ω, 500KΩ±(0.3% d voltage 1.5V, Ope S, T *Specifications dc Min, Hold, Trend p	+ 3 digits); 5MΩ±( 1 voltage 2.8V not include probe acc lot	uracy. Temperature specif	ications only apply to	2~5MΩ	
	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, < 15 Ω Auto Range, Max, AC 100V~240V, 43	Ω, 500KΩ±(0.3% d voltage 1.5V, Ope S, T *Specifications dc Min, Hold, Trend p	+ 3 digits); 5MΩ±( 1 voltage 2.8V not include probe acc lot		ications only apply to	2~5MΩ	
OPTION	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{l} \text{500}\Omega,\text{5K}\Omega,\text{50K}\\ \text{Maximum forwar}\\ -\text{50}^\circ\text{C} & +1000^\circ\text{C}\\ 0,1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ <15\Omega\\ \text{Auto Range, Max,}\\ \text{AC}100\text{V}-240\text{V},\text{4}\\ \text{Dual-channel},\text{40I} \end{array}$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *specifications dc Min, Hold, Trend p 7~63Hz, Power Con	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg	uracy. Temperature specif C Output : 12V/3A, Do	ications only apply to puble Shield	2~5MΩ the GDS-320/310/3	
OPTION DIMENSIONS & WEIGHT	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V-240V, 4 Dual-channel, 400 240.2(W) x 136.0(	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>i</i>	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg	uracy. Temperature specif	ications only apply to puble Shield	2~5MΩ the GDS-320/310/3	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	500Ω, 5KΩ, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15Ω Auto Range, Max, AC 100V-240V, 4 Dual-channel, 40I 240.2 (W) × 136.00	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7–63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>i</i> SORIES	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg Sf	uracy. Temperature specif C Output : 12V/3A, Do	ications only apply to buble Shield	2~5MΩ the GDS-320/310/3	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{500}\Omega,\text{5K}\Omega,\text{50K}\\ \text{Maximum forwar}\\ -50^\circ\text{C} & +1000^\circ\text{C}\\ 0,1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ <15\Omega\\ \text{Auto Range, Max},\\ \text{AC}100V-240V,42\\ \text{Dual-channel},401\\ 240.2(W) \times 136.01\\ \text{Cope}\\ \text{Cope}\\ \text{Cope}\\ \text{Cope}\\ \text{Cope}\\ \end{array}$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) × 59.7(D) mm; <i>i</i> SORIES : start guide × 1, 00A-4 100MHz Pro	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg St User manual CI be, Suitable for GE	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310,	ications only apply to puble Shield x 1 GSC-010 /210 GSC-011	<ul> <li>-5MΩ</li> <li>the GDS-320/310/3</li> <li>DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	500Ω, 5KΩ, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V-240V, 4 Dual-channel, 40I 240.2 (W) x 136.00 Cope Cope Cope Cope	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V H) x 59.7(D) mm; <i>i</i> SORIES start guide x 1, 00A-4 100MHz Pro 00A-4 200MHz Pro	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg St User manual Cl be, Suitable for GE be, Suitable for GE	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310,	ications only apply to puble Shield x 1 GSC-010 /210 GSC-011 GAP-001	<ul> <li>-5MΩ</li> <li>the GDS-320/310/3</li> <li>- DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor</li> </ul>	
OPTION           DIMENSIONS & WEIGHT           ORDERING INFOR           GDS-320         200MHz, 2           GDS-310         100MHz, 2           GDS-307         70MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{500}\Omega,\text{5K}\Omega,\text{50K}\\ \text{Maximum forwar}\\ -\text{50}^\circ\text{C} +1000^\circ\text{C}\\ \text{O},1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{C}15\Omega\\ \text{Auto Range, Max},\\ \text{AC}100V-240V,4'\\ \text{Dual-channel},40I\\ 240.2(\text{W})\times136.0I\\ \text{Cope}\\ \text$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>i</i> SORIES c start guide x 1, 00A-4 100MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg St User manual Cl be, Suitable for GE be, Suitable for GE be, Suitable for GE	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310,	ications only apply to puble Shield x 1 GSC-010 /210 GSC-011 GAP-001	<ul> <li>-5MΩ</li> <li>the GDS-320/310/3</li> <li>DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{SOO}\Omega,\text{SK}\Omega,\text{SOK}\\ \text{Maximum forwar}\\ -\text{SO}^{\circ}\text{C} & +1000^{\circ}\text{C}\\ \text{O},1^{\circ}\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{Ator Range, Max},\\ \text{Ator Range, Max},\\ \text{Act 100V-240V},4^{\circ}\\ \text{Dual-channel},401\\ \text{240.2}(\text{W})\times136.01\\ \text{Max}\\ \text{Cope}\\ \text{GTP-20}\\ GTP-$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications de Min, Hold, Trend p 7-63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>J</i> SORIES : start guide x 1, J0A-4 100MHz Pro J0A-4 200MHz Pro J7 Multimeter 1 JNAL ASSESSORI 40D 40MHz Du	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 So	<ul> <li>- DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{SOO}\Omega,\text{SK}\Omega,\text{SOK}\\ \text{Maximum forwar}\\ -\text{SO}^\circ\text{C} & +1000^\circ\text{C}\\ \text{O},1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{C},1^\circ\text{C}\\ \text{Auto Range, Max},\\ \text{Auto Range, Max},\\ \text{Auto Range, Max},\\ \text{Ac 100V-240V},4^\circ\text{J}\\ \text{Dual-channel},401\\ \text{240.2}(\text{W})\times136.0\text{I}\\ \text{Max}\\ \text{Cope}\\ \text{GTP-20}\\ G$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications de Min, Hold, Trend p 7–63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>J</i> SORIES c start guide x 1, J0A-4 100MHz Pro J0A-4 200MHz Pro J7 Multimeter J J0AL ASSESSORI 40D 40MHz Du J3 Mini USB (C	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc dot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001	<ul> <li>- 5MΩ</li> <li>• the GDS-320/310/3</li> <li>• DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor</li> <li>Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{SOO}\Omega,\text{SK}\Omega,\text{SOK}\\ \text{Maximum forwar}\\ -50^\circ\text{C} \sim +1000^\circ\text{C}\\ 0,1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ 15\Omega\\ \text{Auto Range, Max},\\ \text{AC}100V-240V,4^\circ\\ \text{Dual-channel},401\\ 240.2(\text{W})\times136.01\\ \text{Max}\\ \text{Cope}\\ \text{Cope}\\$	Ω, 500K Ω <sup>±</sup> t(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) x 59.7 (D) mm; <i>J</i> SORIES : start guide x 1, 00A-4 100MHz Pro 00A-4 200MHz Pro 07 Multimeter 1 00A-4 200MHz Pro 07 Multimeter 1 00AL ASSESSORI 40D 40MHz Du 03 Mini USB C COWNLOAD	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc dot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 So	<ul> <li>- 5MΩ</li> <li>• the GDS-320/310/3</li> <li>• DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor</li> <li>Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2 GDS-207 70MHz, 2 C	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe	$\begin{array}{c} \text{SOO}\Omega,\text{SK}\Omega,\text{SOK}\\ \text{Maximum forwar}\\ -\text{SO}^\circ\text{C}\sim+1000^\circ\text{C}0,1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{C}15\Omega\\ \text{Auto Range, Max},\\ \text{Act}100V-240V,4'\\ \text{Dual-channel},401\\ 240.2(W)\times136.01\\ \text{Cope}\\ \text{Cope}$	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) × 59.7(D) mm; / SORIES c start guide x 1, 00A-4 100MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Du 3 Mini USB C OWNLO AD Yave 200 Software	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc dot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 So	<ul> <li>- 5MΩ</li> <li>• the GDS-320/310/3</li> <li>• DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor</li> <li>Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2 GDS-207 70MHz, 2 C	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Functions Line Voltage Differential Probe Channels, Digital Oscillosc Channels, Digital Oscillosc Channels, Digital Oscillosc Channels, Digital Oscillosc Channels, Digital Oscillosc Channels, Digital Oscillosc	$\begin{array}{c} \text{SOO}\Omega,\text{SK}\Omega,\text{SOK}\\ \text{Maximum forwar}\\ -\text{SO}^\circ\text{C} & +1000^\circ\text{C}\\ \text{O},1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{C},1^\circ\text{C}\\ \text{B},\text{E},\text{J},\text{K},\text{N},\text{R},\\ \text{Auto Range, Max},\\ \text{Auto Range, Max},\\ \text{Auto Range, Max},\\ \text{Act 100V-240V},4^\circ\\ \text{Dual-channel},401\\ 240.2(W)\times136.00\\ \hline \text{Quick}\\ \text{GTP-20}\\ \text{Ope}\\ \text{Cope}\\ $	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications de Min, Hold, Trend p 7–63Hz, Power Con MHz, CAT II 600V (H) x 59.7(D) mm; <i>J</i> SORIES s start guide x 1, J0A-4 100MHz Pro J0A-4 200MHz Pro J7 Multimeter J J0AL ASSESSORI 40D 40MHz Du J3 Mini USB C OWNLOAD fave 200 Software	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc dot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 So	<ul> <li>- DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2 GDS-207 70MHz, 2 C	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple) Functions Line Voltage Differential Probe Channels, Digital Oscilloso Channels, Digital Oscilloso	500Ω, 5KΩ, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15Ω Auto Range, Max, AC 100V-240V, 4 Dual-channel, 401 240.2(W) × 136.00 Cope Cope Cope Cope Cope Cope Cope Cope	Ω, 500KΩ ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) × 59.7(D) mm; / SORIES c start guide x 1, 00A-4 100MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Du 3 Mini USB C OWNLO AD Yave 200 Software	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen able	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 ,Power cord D x 1 ,Power cord S-307/207, GDS-310, S-320/220	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 So	<ul> <li>- DS300200GD1</li> <li>Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor Wrist Strap</li> <li>eries</li> </ul>	
OPTION DIMENSIONS & WEIGHT ORDERING INFOR GDS-320 200MHz, 2 GDS-310 100MHz, 2 GDS-307 70MHz, 2 C GDS-220 200MHz, 2 GDS-210 100MHz, 2 GDS-210 100MHz, 2 C Iobal Headquarters COD WILL INSTRUM +886-2-2268-0389 F +886-2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple) Functions Line Voltage Differential Probe Channels, Digital Oscilloso Channels, Digital Oscilloso	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V-240V, 4' Dual-channel, 401 240.2(W) x 136.00 ASSES Quick GTP-10 GTP-20 OPTIC Cope Co	Ω, 500K Ω ±(0.3%)         d voltage 1.5V, Ope         S, T *Specifications de         Min, Hold, Trend p         7-63Hz, Power Con         MHz, CAT II 600V         (H) x 59.7 (D) mm; J         SORIES         c start guide x 1, J00A-4 100MHz Pro         J00A-4 200MHz Pro         J0A-4 200MHz Dro         J0A 40MHz Du         J0A 50MHz Du         J0A 60MHz Du         J0A 60MHz Du         J0A 70MHz Du         J0A 40MHz Du         J0A 40MJ 200 Software         J0A 50 Software         J0A 50 Software         J35 F +1-909-59122	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen able	uracy. Temperature specif C Output : 12V/3A, Do pecifications subject to ch D x 1 , Power cord Ds 307/207, GDS-310, DS-320/220 tial Probe, Suitable fo GCL-001	ications only apply to buble Shield x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 Si Vertical Calibrati	2~5MΩ the GDS-320/310/3 - DS300200GD11 Soft Carrying Cas Soft Carrying Bag AC-DC Adaptor Wrist Strap eries on Cable	
OPTION           DIMENSIONS & WEIGHT           ORDERING INFOR           GDS-320         200MHz, 2           GDS-310         100MHz, 2           GDS-307         70MHz, 2 C           GDS-200         200MHz, 2           GDS-307         70MHz, 2 C           GDS-200         200MHz, 2           GDS-210         100MHz, 2 C           GDS-207         70MHz, 2 C           Iobal Headquarters           COOD WILL INSTRUM           +886-2-2268-0389         F +886-2-           hina Subsidiary	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple) Functions Line Voltage Differential Probe Channels, Digital Oscilloso Channels, Digital Oscilloso	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V~240V, 42 Dual-channel, 401 240.2(W) × 136.00 Cope Cop	Ω, 500K Ω ±(0.3%)         d voltage 1.5V, Ope         S, T *Specifications de         Min, Hold, Trend p         7-63Hz, Power Con         MHz, CAT II 600V         (H) x 59.7 (D) mm; J         SORIES         c start guide x 1, J00A-4 100MHz Pro         J00A-4 200MHz Pro         J0A-4 200MHz Dro         J0A 40MHz Du         J0A 50MHz Du         J0A 60MHz Du         J0A 60MHz Du         J0A 70MHz Du         J0A 40MHz Du         J0A 40MJ 200 Software         J0A 50 Software         J0A 50 Software         J35 F +1-909-59122	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual CI be, Suitable for GE be, Suitable for GE iest Lead x 2 ES al-channel Differen able	uracy. Temperature specif C Output : 12V/3A, Do Decifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310, DS-320/220 tial Probe, Suitable fo GCL-001	ications only apply to buble Shield ange without notice x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 Si Vertical Calibrati	<ul> <li>a-5MΩ</li> <li>the GDS-320/310/34</li> <li>DS300200GD11</li> <li>Soft Carrying Cass</li> <li>Soft Carrying Bag</li> <li>AC-DC Adaptor</li> <li>Wrist Strap</li> <li>eries</li> <li>on Cable</li> </ul>	
GDS-320         200MHz, 2           GDS-310         100MHz, 2           GDS-307         70MHz, 2           GDS-220         200MHz, 2           GDS-210         100MHz, 2	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Functions Line Voltage Differential Probe Channels, Digital Oscilloso Channels, Digital Oscilloso	500Ω, 5KΩ, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V~240V, 42 Dual-channel, 401 240.2(W) × 136.00 Cope	Ω, 500K Ω ±(0.3% d voltage 1.5V, Ope S, T *Specifications do Min, Hold, Trend p 7~63Hz, Power Con MHz, CAT II 600V (H) x 59.7 (D) mm; <i>i</i> SORIES start guide x 1, 00A-4 100MHz Pro 00A-4 100MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Pro 00A-4 200MHz Du 3 Mini USB C OOWNLOAD /ave 200 Software ary MERICA CORP. 358 F +1-909-59122 ary	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual CI be, Suitable for GE be, Suitable for GE iest Lead x 2 ES al-channel Differen able	uracy. Temperature specif C Output : 12V/3A, Do Decifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310, DS-320/220 tial Probe, Suitable fo GCL-001	ications only apply to buble Shield ange without notice x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 Si Vertical Calibrati	2~5MΩ the GDS-320/310/30 DS300200GD11 Soft Carrying Cass Soft Carrying Bag AC-DC Adaptor Wrist Strap eries on Cable	
OPTION           DIMENSIONS & WEIGHT           ORDERING INFOR           GDS-320         200MHz, 2           GDS-310         100MHz, 2           GDS-307         70MHz, 2 C           GDS-200         200MHz, 2           GDS-307         70MHz, 2 C           GDS-200         200MHz, 2           GDS-210         100MHz, 2 C           GDS-207         70MHz, 2 C           GODS-207         70MHz, 2 C           GODO WILL INSTRUM         +886-2-2268-0389 F +886-2-           hina Subsidiary         GOOD WILL INSTRUMENT	RESISTANCE Range Accuracy Diode Test Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep Functions Line Voltage Differential Probe Channels, Digital Oscillosc Channels, Digital Oscillosc	500 Ω, 5K Ω, 50K Maximum forwar -50°C ~ +1000°C 0,1°C B, E, J, K, N, R, <15 Ω Auto Range, Max, AC 100V~240V, 42 Dual-channel, 400 240.2(W) x 136.00 Cope Cop	Ω, 500K Ω ±(0.3%)         d voltage 1.5V, Ope         S, T *Specifications de         Min, Hold, Trend p         7~63Hz, Power Con         MHz, CAT II 600V         (H) x 59.7 (D) mm; r         SORIES         : start guide x 1,         00A-4 100MHz Pro         00A-4 200MHz Pro         00A-4 200MHz Pro         00A-4 100MHz Pro         00A-4 00MHz Du         3 Mini USB C         OWNLOAD         /ave 200 Software         ary         CHNOLOGY C         03 F+81-45-534-7181	+ 3 digits); 5M Ω±( n voltage 2.8V not include probe acc lot sumption 40W; DC Approx. 1.5 Kg User manual Cl be, Suitable for GE be, Suitable for GE est Lead x 2 S al-channel Differen able 80 ORPORATION	uracy. Temperature specif C Output : 12V/3A, Do Decifications subject to ch D x 1 ,Power cord DS-307/207, GDS-310, DS-320/220 tial Probe, Suitable fo GCL-001	ications only apply to buble Shield ange without notice x 1 GSC-010 (210 GSC-011 GAP-001 GWS-001 r GDS-300/200 Si Vertical Calibrati	<ul> <li>a-5MΩ</li> <li>the GDS-320/310/34</li> <li>DS300200GD11</li> <li>Soft Carrying Cass</li> <li>Soft Carrying Bag</li> <li>AC-DC Adaptor</li> <li>Wrist Strap</li> <li>eries</li> <li>on Cable</li> </ul>	

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