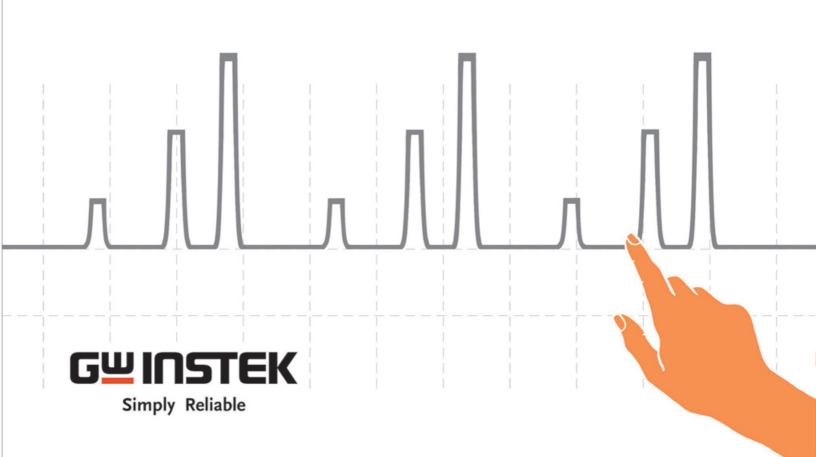
Angel in the Test and Measurement Sector

Sexy and Beyond



The Origin of The Story... A Mission Impossible

The fact-finding task force received an urgent mission.

The mission stated the task force must infiltrate into enemy's territory to reconnoiter its secret equipment.

Four engineers from the strategic equipment department gathering around a round table were testing their new equipments. One male engineer was holding a notebook computer and downloading enemy's

latest infrastructure information. Engineer right next to him was planning avenues of approach with his tablet computer.

Another engineer was installing the latest version of instant messenger. Tom, the youngest, was holding a new device which was neither a cell phone nor a tablet computer.

A signal-like waveform appeared on the device. He said "This is an Oscilloscope." "Oscilloscope?" With no time to clarify, "Fall In!" it is time for mission briefing.



After the mission briefing was over, commanding officer announced "Commence the Equipment Selection". Female agent Angel discovered a piece of very eye-catching and extraordinary new

equipment from a pile of equipment. The very sharp intuition drove her to check out the equipment's tag - " **Angel Sexy Scope** ". It is she! Angel, demonstrated a superb perspective from the very beginning, put it into her bag without hesitation.

Michael from the other team was picking up oscilloscope and DMM. When he was putting them in his bag, someone reminded him "don't forget to bring a calculator and a Data Book".



hile arriving enemy's Customs, Customs officials were vigilantly checking Angel's small bag. Opened her bag and looked inside. They let her through without any speculation that Angel was carrying a test and measurement instrument in her bag. Michael, with a very noticeable large suitcase, was asked to open all his belongs. He was checked very thoroughly. When Angel was sitting back and enjoying champagne after checking in the hotel, Michael was just about to dump everything back into his suitcase at the airport and was ready to flag down a cab.

Sneaking into the suspicious scene, Angel, with a very light load, opened Sexy Scope in hand and operated by smooth and rapid touching screen. Signals were measured within the designated time even under the most urgent situation. A built-in engineering calculator was applied to obtain data. Enemy cut off power once found out intrusion. In the meantime, Angel was communicating with the HQs. Angel was not only able to send back waveforms via cell phone App-LINE, but also sent data to Charlie in the US and Yuki in Japan simultaneously by the HQs' request. Both English and Japanese reports must be compiled in order to swiftly read data. Angel utilized built-in languages and immediately sent out the required reports. She left the scene without a trace.

t this moment, Michael was just about to prepare instruments to measure signals and talked to the HQs. When the power was out, the HQs was demanding waveforms to be sent back immediately. Michael replied "wait a minute". Five seconds later, the emergency backup generator of the building was activated and Michael did the measurement all over again. Michael's team started to look for a USB to store waveforms, and turned on the computer, transmitted the saved waveforms from the USB to computer.

They finally sent out the data by the computer. The HQs demanded data to be sent again to Charlie and Yuki is different languages. Michael unplugged the USB, plugged into oscilloscope and stored the data again......At this moment, enemy forces had been approaching quickly......!

fter the mission was over, Angel quickly finished the check-in process at the airport. Michael, with the heavy and over-sized baggage, was repacking the entire baggage to avoid overweight fee. Not only was the repacking trouble, language issue also lead Michael to have a quarrel with theairport personnel. When Angel was gracefully listening to the music with her earphones in the departure lounge Michael dragged his heavy baggage and sweated like a pig. He just arrived in the lounge.

New mission briefing....All tasks had been assigned.. Commanding officer said "commence the equipment selection". Everyone was fighting to get the eye-catching GDS-300......

Angel in Hand, Unrestricted Strength Missions Impossible Become Possible!

New Generation, New Choice Subvert Tradition, Remarkable Achievement



Sexy and Beyond

Agent ID	Angel					
Height	240 mm [9.45 "]					
Weight	1.5kg [3.31b]					



- Traits
- 1. New generation waveform test and measurement expert.
- 2. Petite yet sexy. Powerful inside.
- 3. Full touch-screen operation. Pale old oscilloscopes in comparison.
- Omnipotent expert faces all challenges and always surprise and conquer all enemies.
- Smart connection with all devices. Complete measurement data transmission with a fingertip.
- 6. Double power packs support. Fear no changing combat environment.

Battle Performance

- Unexpected appearance and functions. Even enemies' customs' sharp eyes can not discover.
- Any contingency in any country, always simultaneously monitor waveform and duty voltage. Save 10 minutes in key assignment time outperforming ordinary agents.
- 3. Even under emergency power outage, always transmit complex reports back to the headquarters and allies in 20 seconds. Always rapidly and safely withdraw from the scene. Complete Mission Impossible every single time.

igtriangle Caution

PATENT PENDING !!



SELECTION GUIDE

MODEL	GDS-307	GDS-310	GDS-320	GDS-207	GDS-210	GDS-220
Bandwidth	70MHz	100MHz	200MHz	70MHz	100MHz	200MHz
Sample Rate	1GSa/s	1GSa/s	1GSa/s	1GSa/s	1GSa/s	1GSa/s
Memory Length	5M pts	5M pts	5M pts	1M pts	1M pts	1M pts
DMM Count	50,000	50,000	50,000	5,000	5,000	5,000
Temperature Measurement	✓	✓	✓	-	-	-



GDS-300/200 Series

Digital Storage Oscilloscope

- 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 50,000/5000 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









APPLICATIONS

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



SPECIFICATIO	NS								
		GDS-307	GDS-310	GDS-320	GDS-207	GDS-210	GDS-220		
VERTICAL	Channels Input Impedance Maximum Input Input Coupling	2 (BNC-Shield) 1M Ω ±2%, 16.5pf approx. CAT II 300VRMS AC, DC, GND							
	Bandwidth Rise Time Sensitivity Accuracy Bandwidth Limit	<5ns	<3.5ns (1-2-5 increments	<1.75ns	B) DC~70MHz (-3dB) <5ns	DC~100MHz(-3dB) <3.5ns	DC~200MHz (-3dE <1.75ns		
	Polarity Offset Position Range	Normal, Invert 2mV/div~50mV/div: ±0.4V; 100mV/div~500mV/div: ±4V; 1V/div~5V/div: ±40V; 10V/div: ±300V							
SIGNAL ACQUISITION	Realtime Sample Rate Memory Depth Acquisition Mode Replay Wfms.	1GSa/s 5Mpoints per ch Average: 2~256 waveforms; Peak detect: 10ns; sin(x)/x or ET 30,000 wfms.							
TRIGGER	Source Trigger mode Trigger type Trigger Holdoff Coupling Sensitivity	Ch1 or Ch2 Auto, Normal, Single, Force Edge, Pulse Width, Video, Alternate 10ns ~ 10s AC, DC, LFR, HFR, NR DC~25MHz: approx. 0.5div or 5mV; 25MHz~ 70/100/200MHz: approx. 1.5div or 15mV							
HORIZONTAL	Range Roll Pre-trigger Post-trigger Accuracy	5ns~100s/Div (1-2-5 increments) 100ms/div ~ 100s/div 10 div max. 1,000 div max(depend on time base) ±20ppm over any > 1ms time interval							
XY MODE	Phase Shift	±3° at 100KHz							
CURSOR AND MEASUREMENT	Cursors Auto-measurement Auto-counter Autoset	36 sets.	e between cursors(Hz to rated bandw		nce between cursors(riangleT), frequency me	asure(1/△T)		
TEMPERATURE MEASUREMENT		Available			Non-Available				
MISCELLANEOUS	Multi-Language Menu On-line Help Time and Clock	Available Available Available							
BATTERY	Battery power Charge time Operation time	2.0 hour (75%) 4.1 hour, dependi	nA/hr, 7.4V (Built-i	16.					
PROBE COMPENSATION INTERFACE	USB	2V, 1kHz, 50% Du USB Device (Isola	•						
DISPLAY	Internal Flash Disk Type Display Resolution Display Direction Backlight Control Touch Panel	120MB 7 inch 480 x 800 pixels Landscape & Port Manual adjustabl Capacitive							
DMM	Digit Level	50,000 counts			5000 counts				
	DC Voltage Range Accuracy Input Impedance DC Current Range	CAT II 600VRMS, CAT III 300VRMS 50mV, 500mV, 50, 500V, 1000V 6 ranges GDS-320/310/307:50mV,500mV,50,50V,500V±(0.05%+5digits); GDS-220/210/207:50mV,500mV,5V,500V,1000V±(0.1%+5digits) 10M Ω 50mA, 500mA, 10A 3 ranges GDS-220/210/207:50mV,500MV,500V,1000V±(0.1%+5digits) 10M Ω 50mA, 500mA, 10A 3 ranges							
	Accuracy AC Voltage Range Accuracy	GDS-320/310/307:50mA ~ 500mA, 2 range , ±(0.1% + 5 digits),10A±(0.5% + 1 digit) GDS-220/210/207:50mA~500mA, 10A 3 ranges, ±(0.5% + 1 digit) 50mV, 500mV, 5V, 50V, 700V 5 ranges 50mV, 500mV, 5V, 50V, 700V ±(1.5% + 15 digits) at 50Hz~1kH							
	AC Current Range Accuracy	50mA, 500mA, 10A 3 ranges 50mA, 500mA, ±(1.5% + 15 digits) at 50Hz~1kHz; 10A ±(3% + 15 digits) at 50Hz~1kHz *Measurement range:>10mA							
	RESISTANCE Range Accuracy Diode Test	500Ω , $5K\Omega$, $50K\Omega$, $50K\Omega$, $5M\Omega$ 6 range 500Ω , $5K\Omega$, $50K\Omega$, $50K\Omega$ $\pm (0.3\% + 3 \text{ digits})$; $5M\Omega \pm (0.5\% + 5 \text{ digits})$ *Measurement range: $50\Omega \sim 5M\Omega$ Maximum forward voltage 1.5V, Open voltage 2.8V							
	Temperature Range (thermocouple) Resolution Thermocouple Continuity Beep	-50°C ~ +1000°C 0.1°C ble B, E, J, K, N, R, S, T*Specifications do not include probe accuracy. Temperature specifications only apply to the GDS-320/3							
DOWER ADARTOR	Functions	•	Min, Hold, Trend		CO - 1 101//21	D. H. C. 11			
POWER ADAPTOR OPTION	Line Voltage Differential Probe		7~63Hz, Power Co MHz, CAT II 600V	nsumption 40W; D	C Output : 12V/3A, I	Double Shield			
DIMENSIONS & WEIGHT		240.2(W) x 136.0(H) x 59.7(D) mm; Approx. 1.5 Kg							

ORDERING INFORMATION

GDS-320 200MHz, 2 Channels, Digital Oscilloscope GDS-310 100MHz, 2 Channels, Digital Oscilloscope GDS-307 70MHz, 2 Channels, Digital Oscilloscope GDS-220 200MHz, 2 Channels, Digital Oscilloscope GDS-210 100MHz, 2 Channels, Digital Oscilloscope GDS-207 70MHz, 2 Channels, Digital Oscilloscope

Quick start guide x 1, User manual CD x 1, Power cord x 1 GSC-010 Soft Carrying Case GTP-100A-4 100MHz Probe, Suitable for GDS-307/207, GDS-310/210 GSC-011 Soft Carrying Bag GTP-200A-4 200MHz Probe, Suitable for GDS-320/220 GAP-001 AC-DC Adaptor GTL-207 Multimeter Test Lead x 2 GWS-001 Wrist Strap GDP-040D 40MHz Dual-channel Differential Probe, Suitable for GDS-300/200 Series

GTL-253 Mini USB Cable GCL-001 Vertical Calibration Cable

OpenWave 200 Software



Specifications subject to change without notice. DS300200GD1BH