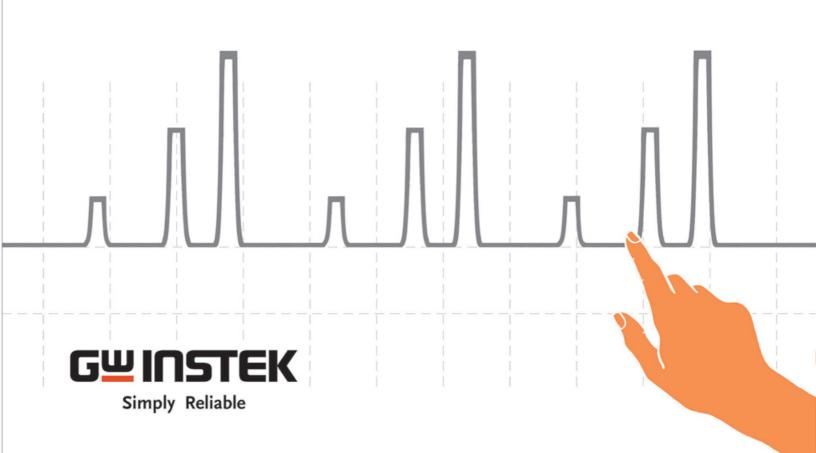
Angel in the Test and Measurement Sector

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]					
Traite						



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.
- 5. 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.

 $oldsymbol{\Delta}$ 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



		GDS-307	GDS-310	GDS-320	GDS-207	GDS-210	GDS-220		
VERTICAL	Channels	2 (BNC-Shield)	GD3 310	000 020	GD3 207	055210	GDG LLG		
VERTICAL	Input Impedance	$1M\Omega$ ±2%, 16.5pf approx.							
	Maximum Input	CAT II 300VRMS							
	Input Coupling	AC, DC, GND							
	Bandwidth) DC~70MHz (-3dB)				
	Rise Time	<5ns	<3.5ns	<1.75ns	<5ns	<3.5ns	<1.75ns		
	Sensitivity		v (1-2-5 increments	l					
	Accuracy Bandwidth Limit	±(3% x Readout + 0.1 div + 1mV) 20MHz(-3dB)							
	Polarity	Normal, Invert							
	Offset Position Range	2mV/div~50mV/div: ±0.4V; 100mV/div~500mV/div: ±4V; 1V/div~5V/div: ±40V; 10V/div: ±300V							
SIGNAL ACQUISITION	Realtime Sample Rate	Library Control of the Control of th							
	Memory Depth	5Mpoints per ch			1Mpoints per c	h			
	Acquisition Mode	Average: 2~256	waveforms; Peak de	tect : 10ns; sin(x)/>	or ET				
	Replay Wfms.	30,000 wfms.							
TRIGGER	Source	Ch1 or Ch2							
	Trigger mode	Auto, Normal, Si							
	Trigger type Trigger Holdoff	10ns ~ 10s	h, Video, Alternate						
	Coupling	AC, DC, LFR, HFR, NR							
	Sensitivity			25MHz~ 70/100/2	200MHz : approx. 1.	5div or 15mV			
HORIZONTAL	Range	5ns~100s/Div (1	-2-5 increments)						
	Roll	100ms/div ~ 100s/div							
	Pre-trigger	10 div max.							
	Post-trigger		epend on time base) y > 1ms time interva						
XY MODE	Accuracy Phase Shift	±3° at 100KHz	/ > This time interva	9 4 0					
CURSOR AND	Cursors		- L-t	^ \	ce between cursors	/ \ T)	(1 / ^ T)		
tel desert lake applicable terror terror	Auto-measurement	36 sets.	e between cursors (△v), Time differen	ce between cursors	∠ i), frequency me	asure(1/△1)		
MEASUREMENT	Auto-measurement Auto-counter	6 digits. Range: 2Hz to rated bandwidth							
	Autoset								
TEMPERATURE MEASUREMENT		Available			Non-Available				
MISCELLANEOUS	Multi-Language Menu	Available							
	On-line Help	Available							
DATTERNA	Time and Clock	Available							
BATTERY	Battery power Charge time	2.0 hour (75%)	nA/hr, 7.4V (Built-ir	1)					
	Operation time		ing on operating co	ndition					
PROBE COMPENSATION	- portune in the	2V, 1kHz, 50% D		ilaition.					
INTERFACE	USB	USB Device (Iso							
	Internal Flash Disk	120MB	,						
DISPLAY	Туре	7 inch							
	Display Resolution	480 x 800 pixels							
	Display Direction Backlight Control	Landscape & Po Manual adjustab							
	Touch Panel	Capacitive	ic, Leo mode						
DMM	Digit Level	50,000 counts			5000 counts				
			CAT III 300VRMS						
	DC Voltage Range Accuracy	50mV, 500mV, 5V, 50V, 500V, 1000V 6 ranges 50mV, 500mV, 5V, 50V, 50VV ±(0.05% + 5 digits); 1000V ±(0.1% + 5 digits)							
	Input Impedance	$\gamma = 30 \text{m/s}, 300 \text{m/s}, 50, 3000 \pm (0.03\% + 3 \text{ digits}), 10000 \pm (0.1\% + 3 \text{ digits})$							
	DC Current Range	50mA, 500mA, 10A 3 ranges							
	Accuracy								
	AC Voltage Range Accuracy		500V, 1000V 5 rang		. 1000\/ . /20/ . 15	digits) at 50U= 31.U	l~		
	AC Current Range				; 1000V ±(3% + 15 c	aigits) at JUMZ~IKH	IZ.		
	Accuracy	5mA, 50mA, 500mA, 5A, 10A 5 ranges y 5mA, 50mA, 500mA, 5A ±(1.5% + 15 digits) at 50Hz~1kHz; 10A ±(3% + 15 digits) at 50Hz~1kHz							
	RESISTANCE Range	50Ω , 500Ω , $5K\Omega$, $50K\Omega$, $50K\Omega$, $50K\Omega$, $50M\Omega$ 6 range							
	Accuracy								
	Diode Test	Maximum forwa	rd voltage 1.5V, Ope			a 51	.=. f		
	Continuity Beep	$< 15 \Omega$	Min Hold Troad	alat					
POWER ADAPTOR	Functions Line Voltage	0	r, Min, Hold, Trend		C Output : 12V/3A,	Double Shield			
OPTION	Differential Probe		MHz, CAT II 600V	isampaon 40w; Do	C Julput . 12V/3A,	Double Silleiu			
			x 60(D) mm; Appro						

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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

Specifications subject to change without notice. DS300200GD1BH

Quick start guide x 1, User manual CD x 1 ,Power cord x 1 GTP-150B-2 150MHz Probe, Suitable for GDS-307/207, GDS-310/210 GTP-250B-2 250MHz Probe, Suitable for GDS-320/220 GSC-010 Soft Carrying Case GSC-011 Soft Carrying Bag GAP-001 AC-DC Adaptor GTL-207 Multimeter Test Lead x 2 GWS-001 Wrist Strap

OPTIONAL ASSESSORIES GDP-040D

40MHz Dual-channel Differential Probe GPF-700 Protective Films for 7" Touch Screen USB Cable, USB 2.0, A-mini B Type, 1400mm GTL-253

Software

FREE DC

OpenWave 200

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Vertical Calibration Cable

Test Clip, Suitable for GDP-040D

Simply Reliable



GCL-001

GTL-131

