

The Acute Technologies Series Of USB Pocket Pattern Generators Exceeds Your expectations.

- Pocket size, No external power adapter required
- USB interface, Plug & Play
- 100MHz high-speed system clock (adjustable)
- Up to 16-output channels (voltage adjustable)
- Output-channel can be set as Hi-Impedance in real time.
- 2 external events and 1 keyboard event control output procedure
- PG-function LOOP, JUMP, WAIT command support
- Captured Acute-Logic Analyzer files can be sent out by a PkPG2000 Series Generator
- PkPG2000 Generator can run on the same and at the same time as the unit under test on your PC
- Software supports all current Windows operating systems: Win98/ME/2000/XP

***Many Wonderful Uses:***

Not only can you use the PkPG-2000 for circuit emulation, IC testing and ROM simulation, but it is also very useful for protocol simulation and as an IC programmer. The Acute PkPG-2000 provides many popular data waveforms making it that is very easy to control: "Direct Draw DATA waveform", "TEXT file convert", "Altera waveform convert", "Acute LA waveform convert" and so on. The simple, but feature packed graphical user interface makes the learning curve relatively short thus it is very easy to learn all of a PkPG series functions quickly.

Desktop System Power In Your Pocket:

Using an Acute-Logic Analyzer in conjunction with the PkPH, you can capture new system signals and then generate that same signal pattern with the PkPG-2000. The PkPG-2000 will output these patterns with no modification or manipulation. Combined use of an Acute-LA and Acute-PG, offers a simple and easy to use auto testing and auto certification system.

And you won't be left behind as new interfaces are created - Acute will also continually provide other popular interface programs such as PLD and FPGA simulation utility, Test Vector transfer, and more as quick as we can get them created.

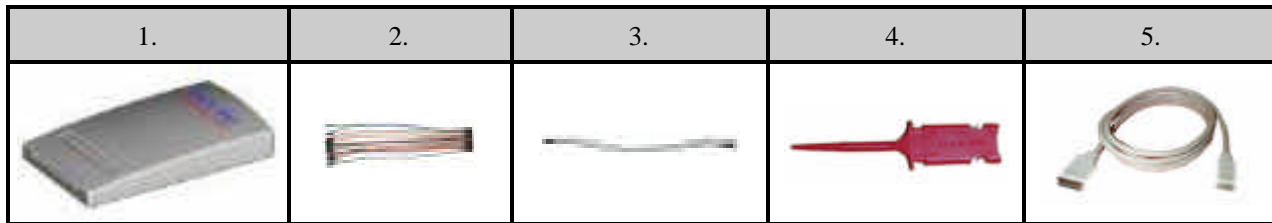
Contact Us For More Information

For more information about Acute products and the Pocket-LA, please visit our web site.

We also provide free software for your evaluation.

Items Included With The PkPG2000 Series

Item	P/N.	Description	PkPG-2016/PkPG-2116
1.	ASPKPG1XAA	PkPG-2000 mainframe	1
2.	CBS20AXXAB	Signal 1x20 color line	1
3.	CBS02AXXAB	Ground 1x2 blk line with red mark	1
4.	GB3STXXXAB	Probe (Red)	22
5.	CBISBABXAA	USB A-B cable (1.8m)	1
6.	DSDL0001CA	Installation CD	1
7.	DSMN0001AA	Acute-PG manual	1
8.	PKCT0002BA	Pocket wallet	1



Pocket PG System Requirements

1. Minimum, Pentium 100 CPU compatible PC or Notebook
2. One USB A-type port
3. At least 8M bytes RAM
4. At least 1M bytes available in hard disk
5. CD-ROM drive for software installation
6. Display specification, 640x480 VGA (or above), 800x600 or 1024x768 recommended
7. 101 keyboard
8. Mouse
9. Microsoft Windows 95/98/2000/XP operation system

Acute's Amazing Products

“We hope that you appreciate our line of products that we manufacture and sell. Acute has developed one of the smallest size Logic Analyzers in the world. It's hard to believe it, but we make it.”

Providing engineers and technicians the best tools that we can is ACUTE's chosen purpose. We spent a lot of time and resources to solve the Pocket-LA power dissipation issue. And we are proud to say that we have. Now, technology personnel like yourself can have wonderful instruments that you can simply plug in and run.

Acute PkLA and PkPG Series: Really Plug & Play. Really portable.

Acute Technologies: The wonderful things, we make. You can have.

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Specification & Characteristics		PkPG-2016	PkPG-2116
Power	Power Source(Internal/External)	USB bus-power (+5V)	
	Static Power Dissipation	0.75W	
	Max Power Dissipation	< 2.5W	
	Protection	Re-settable Fuse (750mA)	
Hardware Interface		USB	
Number of Output Channels		16 (ch-0~ch-15)	
Operation Clock System	Internal Operation Clock Range	100MHz ~ 1Hz	
	Internal Operation Clock Mode	Adjustable (Fine tune)	
	Internal Operation Clock Output Channels	1 Channel (ch-19; Voltage = Output Type)	
	External Operation Clock Range	<75MHz	
	External Operation Clock Mode	Internal/External Clock Logic Not , And	
	External Operation Clock Input Channels	1 Channel (ch-18; Voltage = Output Type)	
Data Flow Control		Loop Jump Wait for Event Branch(If command)	
Output Type		5V, 3.3V, 3V, 2.8V, 2.5V, 2.1V, 1.8V, 1.5V, Hi-Z	
Fan out		20mA/ea. (Total < 200mA)	
Data Skew		< 3ns	
Memory	Total Memory Size	2M bits	16M bits
	Memory Depth(in vectors)	64kb/ch	512kb/ch
Event	Internal Event	Hot Key	
	External Event Channel	2 (ch-16, ch-17)	
	External Event Mode	Events Not, Or	
	External Event Threshold	Same as output channel voltage type	
Temperature	Operating Temperature	5°C ~ 45°C (41°F ~ 113°F)	
	Storage Temperature	-40°C ~ 75°C (-40°F ~ 167°F)	
Software Features	Operating System	Windows 98/ME/2000/XP	
	Languages	English/Chinese	
	Save & Load Waveform	Yes	
	Print Waveform	Yes	
	Online Help	Yes	
	Regular Waveform Generator	Synchronous Counter Asynchronous Counter Printer(SPP)	
	Waveform Editing Interface	Waveform Drawing Script File	
	Waveform Conversion	Acute-LA (.LAW) Acute-PG vector file (Text) Altera (.TBL) Customer Requirement	
Volume	Length x Width x Height (mm)	117x72x20(mm)	