GaGe

We offer the widest range of high-speed digitizers and instrumentation cards available on the market today. Our powerful PC-based instrumentation products allow you to create reliable, flexible and high-performance solutions quickly and easily.

Reduce development time and costs for testing complex applications such as radar, wireless communications, spectroscopy, etc. by using our Windows-based application software or our SDKs.

APPLICATIONS

Digital pattern verification
Bus analysis
Logic analyzer
Digital stimulus-response test

GageBit software
World's most advanced software for digital input/output testing
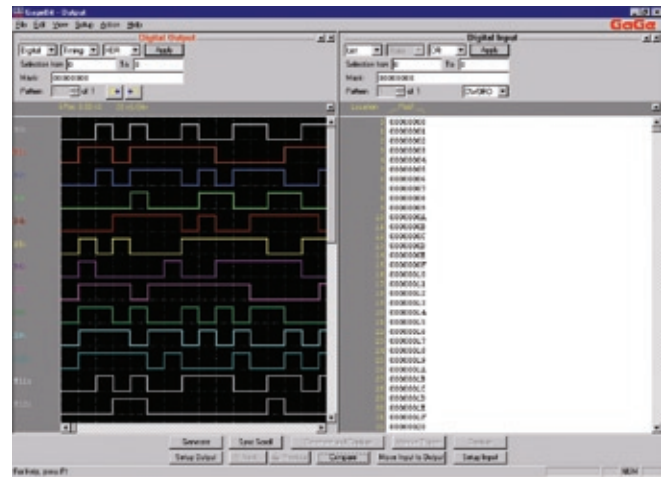
Easy to use, digital test software works with your CompuScope 3200C, CompuScope 3200 and/or CompuGen 3250 right out of the box.

FEATURES

- High speed digital I/O control under the same program
- Windows 95/98, Windows NT & Windows 2000 compatible
- No programming required. You will be up and running in minutes
- Up to 256 bit inputs & outputs supported
- Simultaneously generate & capture digital data streams
- Powerful commands for selecting, masking and filling data
- Compare input & output data using one mouse click

GAGEBIT SOFTWARE

GageBit Software allows the user to control and operate high-speed digital pattern generators and digital input cards manufactured by Gage.

With the ability to control all parameters of digital input or output hardware from within one Windows-style dialog box, GageBit brings tremendous ease of use to digital test software.

Digital patterns can be created by loading a previously saved data file and modifying it or by entering a new pattern using keyboard and mouse. All patterns can be viewed as list boxes or as timing or state diagrams with the click of a mouse.

SIMPLE YET POWERFUL CONTROLS

The biggest barrier to a more widespread use of digital test systems is the complexity of setting up the acquisition and generation hardware. It is no wonder that users prefer not to use these systems because of confusing, nested menus and complicated front panel key and knob sequences.

GageBit resolves that problem once and for all. With two simple dialog boxes, users can specify all the parameters for digital input and output required to control the test system. No hassles, just common sense.

PATTERN CREATION

Data entry required for digital pattern creation has been made very efficient by allowing the user to select portions of the pattern, fill them with known patterns or even apply boolean functions combined with logical masks. Millions of points of data can be entered in seconds using this powerful technique.

Users can also edit the pattern by clicking on the appropriate bit in the timing diagram.

GENERATE AND CAPTURE

A complete digital input/output system can be assembled very easily since GageBit allows the user to generate a pattern as well as capture data at the same time. The user can specify whether to generate the pattern first and then arm the digital input to capture data, or the other way around.

COMPARE

One of the obvious advantages GageBit brings to the user is that both the output pattern and input vectors are available within the same environment. One of the built-in analysis features in GageBit allows the user to compare the input with the output in order to verify whether they are identical.

Using the power of personal computing, GageBit can compare millions of data points and provide a result within seconds. The same operation would be virtually impossible to do without a tool such as GageBit.

If the patterns are found not to be identical, GageBit identifies discrepancies by displaying them in red color. GageBit also allows simultaneous scrolling for manual comparison.

LOAD AND STORE DATA

Any data created for digital output or captured using digital input devices can be saved as a file on the local disk drive or network drive. Format of these files is published by Gage and can be used by other analysis programs.

LOAD AND STORE SETUPS

Users can store the complete setup of an experiment to disk. This allows very easy recall of all settings in an experiment without requiring the user to keep detailed notes of each setting. A virtually unlimited number of setups can be saved, with the maximum number being dependent on the amount of free disk space.

ONLINE HELP

Printed product manuals are always difficult to read and easy to lose. GageBit provides an on-line manual describing the operation of the software in detail.

Product	Part Number
GageBit Software (Included with CG3250, CS3200, and CS3200C cards)	Included

Updated January 11th, 2006

900 N. State St.
Lockport, IL 60441-2200

Toll-Free (US and Canada):
phone 1-800-567-4243
fax 1-800-780-8411

Direct:
phone +1-514-633-7447
fax +1-514-633-0770

Email:
prodinfo@gage-applied.com

To find your local sales representative or distributor or to learn more about GaGe's products visit:

www.gage-applied.com