

Break the speed barrier...

... with sample rates of **20kS/s** to **100MS/s** per channel

Ultra
High-speed
DAQ



... and cutting-edge DAQ software

Perception

Accelerate your test capabilities with Genesis HighSpeed

The Genesis HighSpeed family share highest sample rates and mid to high channel counts. Based on modular platforms, all can be configured to the need of the application, be it a single channel or a thousand. With physical signal conditioners for all common sensors or featuring isolation to acquire off-ground signals even in the MegaVolt range. Sample rates range from 20kS/s to 100MS/s per channel. Systems are out-of-the-box and easy-to-use. The user interface of the shared Perception software is legend. And, the patented StatStream review technology enables instant handling of gigabytes of measurement data.



... featuring the world's No.1 software
for high-speed DAQ: Perception

Perception covers all areas of high-speed DAQ :

- ___ Easy setup, professional acquisition and fascinating live displays with almost unlimited possibilities
- ___ Analysis using the formula database with over 150 functions
- ___ Reporting using "One Click to Word" feature or the powerful internal report generator

Usability

Graphical amplifier setup or overview tables enable both low-channel as well as high-channel count control. Wizards and Advisors help in challenging situations. Built-in intelligence ensures correct settings. Special "instrument panel" user interface for the GEN2i data recorder.

Flexibility

Modular and packaged to match your needs. With hardware control or just for playback. Offers all required options without a cluttered user interface. Upgradable in the field, and steadily maintained. FREE Viewer version for basic display with cursors and export.

Data handling

Easiest data handling using drag and drop, multi cursors, dual zooms, calculators. Data transfer to MS Office by single mouse clicks. StatStream technology displays 100 GB in 10 seconds.



Exclusive range of ultra high-speed DAQ solutions



Instrumentation	GEN2i	GEN5i	GEN7t / GEN16t
Description	<p>Portable data recorder with touchscreen operation</p> <p>Easy to use and portable, the GEN2i is the perfect data recorder. Connect up to 64 signals and press RUN to acquire. Playback, review and report on-board or analyze using built-in Perception. Data recording never was easier.</p>	<p>Portable high-speed DAQ and transient recording</p> <p>The GEN5i is a portable high-speed DAQ and transient recorder. It features a high-end PC running 64 bit Windows, and lab performance with up to 160 channels, as well as up to 100 MS/s per channel in a portable, "all-in-one" box.</p>	<p>High-speed / high channel count DAQ and transient recording</p> <p>The GEN7t and GEN16t systems offer scalable channel counts up to 4500 channels with simultaneous acquisition at sampling rates up to 100 MS/s. They are the first choice for high-end, lab-based data acquisition or transient recording, without compromise.</p>
Key specifications			
· Sample rate per channel	· 20 kS/s to 100 MS/s	· 20 kS/s to 100 MS/s	· 20 kS/s to 100 MS/s
· Channel count	· 4 to 64	· Up to 160	· Up to 4500
· Transient memory	· Up to 3.6 GByte	· Up to 9 GByte	· Up to 1 TB
· Direct to disc rates	· 50 MByte/s	· 50 MByte/s	· 100 MB/s per mainframe
Major benefits	<ul style="list-style-type: none"> · Easy touchscreen operation · On-board analysis and review · Perfect replacement for Vision data recorder 	<ul style="list-style-type: none"> · All in one solution · Complete software · Portable · Easy to use 	<ul style="list-style-type: none"> · Scalable · Upgradable · Out of the box · Easy to use
Typical applications	<ul style="list-style-type: none"> · Maintenance · Power plants · Troubleshooting 	<ul style="list-style-type: none"> · Explosives and pyrotechnics · Power plants · Maintenance and troubleshooting 	<ul style="list-style-type: none"> · Turbine/motor test cells · Switchgear testing · Satellite testing · Large-scale structural test



HBM Genesis HighSpeed products were previously sold under the Nicolet brand. The Nicolet brand is owned by Thermo Fisher Scientific Inc. Corporation.

More information: www.hbm.com/highspeed



Genesis HighSpeed power and isolation products

Products for isolated measurements and test sequencing in HV / MV / LV labs and all other applications requiring safe isolation.

Find out more at...

www.hbm.com/highspeed

HV/MV6600
Isolated Digitizer



High Voltage

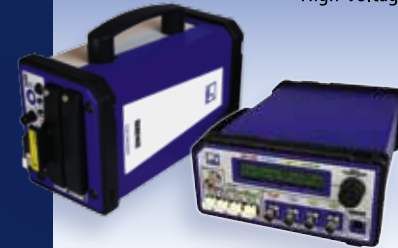


The type 6600 units are isolated digitizers for GEN DAQ products, which are powered either by battery or 10kV isolated power supplies. The fiber-optical signal transmission permits the acquisition of signals with sampling rates of up to 100MS/s.

ISOBE5600
Isolated Probe System



High Voltage



The ISOBE5600 is a standalone analog in / analog out isolated probe system. Featuring fully digital transmission, it can be used in front of any acquisition instrument. Optional build-in memory turns the ISOBE5600 into a stand alone transient recorder.

BE3200
Test Sequencer



High Voltage



The BE3200 is a fully isolated test sequencer. Designed for use in the High Voltage / High Power lab, it is a safe controller for your test timing. Safety features and synchronization make the BE3200 the world standard in this application.

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measure and predict with confidence

