

Signal Breakers & Hot-Swap

POWERFUL TEST TOOLS FOR COMPLEX SYSTEMS

Used across the storage industry and beyond, these devices allow a vast range of automated tests from simple hot-swap to complex fault injection.

Our powerful range of breakers come in a variety of speeds including for the latest Gen6 PCIe devices. We support all major interfaces and form factors to support your testing challenges.



24G SAS Breaker



RJ45 Breaker

PCIe x16
Breaker



4 Port
Controller

Additional Tools

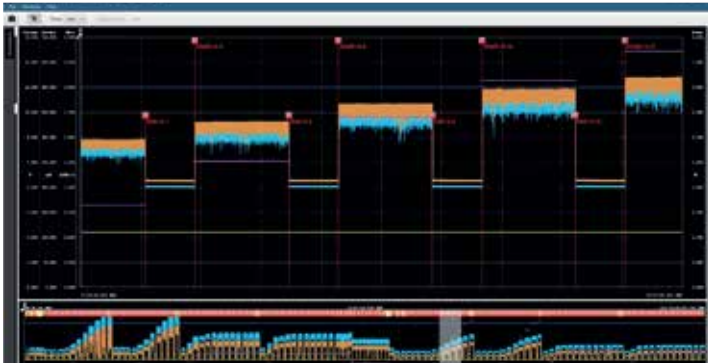
We have more to offer! Our high-speed cable tester can find bad cables in seconds, and give a detailed analysis of performance.

Our physical layer switches are ideal for automating rack re-cabling. Check out our site today for more.



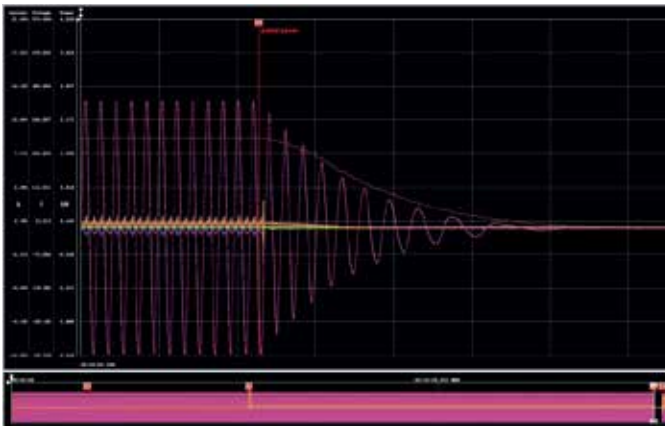
Cable Tester

ANALOG, DIGITAL AND CUSTOMER USER CHANNELS



Quarch Power Studio (QPS)

INDUSTRY LEADING ANALYSIS SOFTWARE



See the entire picture, including custom user channels for your own data such as device temperature or performance.

AC products share the same comprehensive analysis and automation tools and automation is simple.

Permanent license is supplied free of charge with your hardware purchases.

Quarch.com

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Quarch Power Analysis products supports SSD power analysis in Gen5 all form factors / Gen 6 EDSFF form factor

Programmable Power Modules (PPM)

- 12V and 3.3V/5V dual rail supply for SSDs, HDDs
- Measure voltage/current/power consumption on both power rails
- Margin voltage rails, glitch, ramp, crowbar, brownout test and much more
- Record over hours or even days, with full test automation
- Multi Interface plug and play fixtures



Power Analysis Modules (PAM)



- Support for higher current and voltage rails
- Mixed signal analysis, with digital sideband recording now included
- Smaller form factor for easy deployment

Quarch.com Data Storage | Automotive | Telecoms | Aerospace



Power Analysis & Fault Injection

AUTOMATE ESSENTIAL TESTING ACROSS A WIDE RANGE OF DATA STORAGE, NETWORKING AND POWER INTERFACES



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Vital tools for any industry

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Quarch power analysis solutions assist manufacturers, system integrators, test labs, and industry reviewers in gaining critical power performance insights into their systems.

Quarch power analysis tools allow our customers to characterise the power performance of storage devices, AI accelerators and much more, from sleep states to high-intensity, customer-specific workloads. From a single drive to a rack of servers, we can provide the data you need quickly and easily.

This information allows your engineers to optimize their processing or select the best device for the job. Mixed signal (analog + digital) capture gives access to even more data, including digital sidebands for additional debugging.



Gen5 M.2 Analyser

Power Analysis

SETUP IN SECONDS AND CAPTURE FOR HOURS



System Power
Analyser 110-240v



GPU/AI Analyser

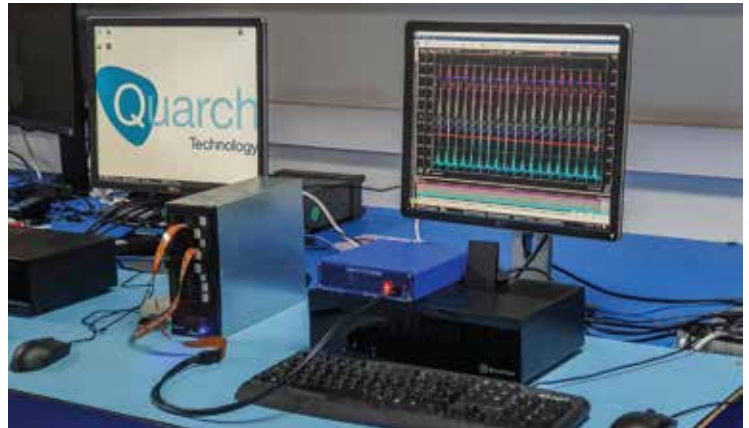
- Long term capture
- High resolution traces
- Plug-and-play fixtures
- Powerful analysis software
- Simple automation

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STORAGE POWER ANALYSIS

From automotive and laptop SSDs, to the latest enterprise devices.



Power Measurement and Margining



Programmable Power
Module (PPM)

Gen5 M.2 Power
Injection Fixture

The Quarch Programmable Power Module (PPM) range performs complex voltage margining, brownout, power loss and crowbar tests along with detailed power analysis.

Supporting dual rail SAS, SATA and PCIe devices.