

SELF-DIRECTED EMPOWER SYSTEMSQT AUTOMATED QUALIFICATION TOOL FOR UPLC, HPLC, AND GC SYSTEMS

Leverage your in-house service or metrology team to perform automated system qualification using Empower Software

Empower™ SystemsQT™ is an Empower and Empower 2 Software option. It employs an automated, full-system testing approach for a more accurate indication of overall system-level compliance.

This tool automates the qualification of UPLC®, HPLC, and GC systems by testing them in the manner in which they are used. Empower Software manages the data process – acquisition, processing, reporting, and archival – with minimal human intervention, minimizing potential traceability and transcription errors.

Although your Waters Field Service Engineer can conduct the qualification on your behalf, this tool is now available as a self-directed option. Using Self-Directed Empower SystemsQT Qualification Tool, your in-house service or metrology team can conduct and streamline the qualification of these UPLC, HPLC, and GC systems:

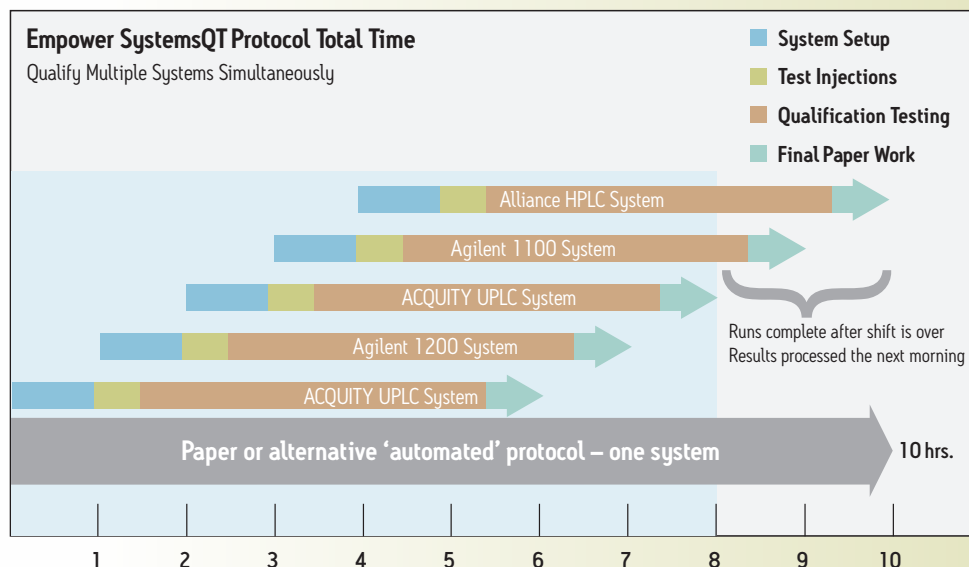
- Waters® ACQUITY UPLC® Systems
- Waters Alliance® HPLC Systems
- Agilent 1100 and 1200 Series HPLC systems
- Agilent 6890, 7890, and 6850 GC systems

The benefits of using Self-Directed Empower SystemsQT Compliance Tool are many:

- Lowers your compliance-related costs
- Increases the productivity of your systems and in-house service resources
- Increases the robustness of your compliance activities as Empower Software manages the entire data process



REDUCE COMPLIANCE TEST TIME



Empower SystemsQT Protocol enables qualification of multiple systems simultaneously, resulting in less system downtime and more efficient use of your in-house service or metrology team's limited time.

Control costs and increase productivity

- Save money by using currently available metrology/in-house service resources to qualify systems
- Maximize system uptime by enabling metrology/in-house service to immediately perform the re-qualification required after major repairs or upgrades
- Lower system downtime by scheduling system qualification during regular metrology/in-house service maintenance
- Increase productivity with simultaneous qualification of multiple systems

Simplify and improve the robustness of your qualification process

- Optimize and shorten the compliance process
- Reduce the risk of non-compliance through automation, traceability, and archival
- Employ industry-standard, system-level testing
- Ensure easy and immediate access to past compliance data
- Quickly qualify add-on instruments

Productivity

Does your current qualification process minimize downtime?

The Empower SystemsQT Qualification Tool allows for a multi-system qualification approach that efficiently brings systems online as quickly as possible. The tool uses Empower Software's ability to run multiple systems at once. By leveraging system-level testing, it combines module-level testing, eliminating manual tests predominantly used today.

Automation, Traceability, and Security

Does your current qualification process use multiple software packages that may compromise traceability, or worse yet, generated data?

Empower SystemsQT Qualification Tool manages the entire qualification process without the need for external software or the need to move data where traceability can be compromised. Other qualification tools that are not built into Empower Software need to extract data in order to process it.

The Empower SystemsQT products are developed specifically with a particular system in mind. This ensures that no documentation is generated other than what is required. Review of copious amounts of unnecessary documents is prevalent when using universal or multi-vendor qualification tools.

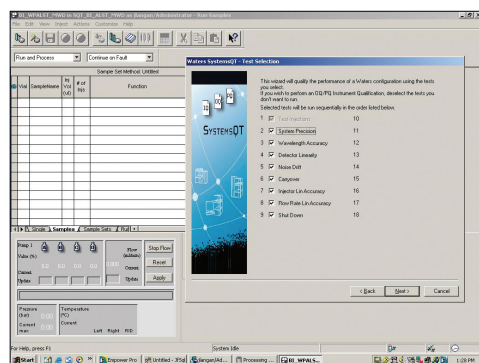
Data generated using the tool is stored, managed, and protected within Empower Software.

Elimination of most manual calculations reduces the opportunity for human-error and enables faster, easier system-level tests. From account and password policies to audit trail requirements and complete electronic signature capabilities, Empower Software is the only all-inclusive 21 CFR Part 11 compliant-ready software solution.

Transparency and Standardization

Does your qualification process demonstrate transparency as to how testing was done?

A lack of procedural detail is a risk at time of audit. Empower SystemsQT Qualification Tool has specific protocol and test descriptions and all methods are available to view in Empower Software. Avoid minimal descriptions and procedures by vendors stating that it is not a regulatory requirement to have them. It is easier to demonstrate compliance when systems have been qualified using a standardized template. The tool allows for the standardization of all qualification for Waters ACQUITY UPLC and HPLC Systems, as well as Agilent HPLC and GC systems.



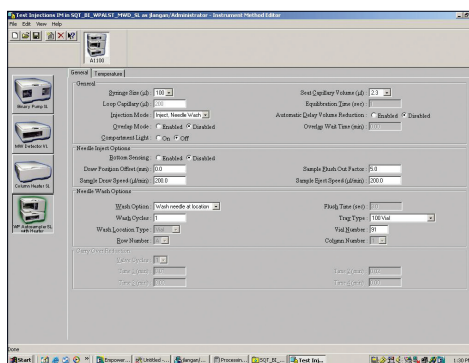
Example of Empower SystemsQT Test Selection screen and Empower Run Samples.

EMPOWER SYSTEMSQT QUALIFICATION TOOL

Empower SystemsQT Qualification Tool is based on an advanced, patented Waters technology, available exclusively to Empower Software users. It offers the following features:

- Workflow-based, automated qualification solution for your HPLC or GC system, including system level testing of accuracy, linearity, and precision (where possible)
- Simple wizard interface built into Empower and Empower 2 Software – using Run Samples
- Qualification tests based on the Empower Software project
- Documents saved to a user specific location for easy access, review, and retrieval
- Systems qualification data stored in a single database for complete data security, traceability, trending, and tracking capabilities
- Automated qualification tests that reduce the hands on approach, where possible, allow you to qualify multiple systems simultaneously
- Reports that can be signed-off on-line, or printed and signed-off manually
- Installation Qualification (IQ) reports that can be generated in Empower Software
- Full audit trailing of qualification activity
- Use of simple well-defined compounds that do not contaminate the system
- Provides data that complies with the Electronic Records and Electronics Signature Rule (21 CFR Part 11), Eu Annex 11, Eu GMPs (PIC/S), and CFR Part 211.

It also meets U.S. FDA, EPA GLPS (21 CFR Part 58), and 40 CFR Part 160, as well as OECD versions of GLPS adopted worldwide.



Example of a typical Empower Agilent Instrument Method Editor.

ACT NOW

For more information about Empower SystemsQT Automated Qualification Tool and Waters Compliance Services, contact your local services representative or visit www.waters.com/compliance.

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CHOOSE WATERS GLOBAL SERVICES

Waters Global Services focuses on optimizing Waters products with superior service, support, upgrades, training, and Waters Quality Parts®.

PROVEN SATISFACTION

For the eighth consecutive year, an independent quality auditing firm ranked Waters Global Services best-in-class in providing expert technical knowledge, quick resolution of system issues, and process support.¹

¹Achievement in Customer Excellence Award, CustomerSat, Inc., 2007, 2008; NorthFace ScoreBoard Award;™ Omega Management Group Corporation, 2000-2006.

Waters

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