Xcalibur 2.2 SP1 Release Notes

These release notes briefly list changes in the Thermo Xcalibur 2.2 SP1 data system software, fixes to previously reported issues, and known issues still existing in the Xcalibur 2.2 SP1 application.

> **Contents**
>
> - Features
> - Minimum Requirements
> - Important Information
> - Resolved Issues
> - Known Issues
> - Trademarks

For information on installing the Xcalibur 2.2 SP1 application, refer to the CD insert.

Features

This release incorporates these new or enhanced features.

New features

There are no new features added in the Xcalibur 2.2 SP1 application. This document addresses defects to previously released Xcalibur applications.

Enhanced features

The Xcalibur 2.2 SP1 application provides compatibility with Microsoft™ Windows™ 7 operating system.

Minimum Requirements

These are the minimum hardware and software configurations required for Xcalibur 2.2 operation.

System	Requirements
Hardware	- 2.4 GHz Processor with 4 GB RAM - 250 GB Hard Drive - DVD/CD-ROM drive - Resolution display 1280×1024 - NTFS format
Software	- Microsoft Windows XP Professional with Service Pack 3 - Microsoft Windows 7 Professional (32-bit) - Microsoft Office 2007 or 2010

Important Information

With the Thermo Foundation 1.0 release, certain Xcalibur utilities and services were migrated into the Foundation platform. These components include instrument configuration, acquisition, auditing, security components, and version information. For information about these components, refer to the Foundation documentation.

General

Thermo Fisher Scientific recommends larger memory when collecting large files.

Certain mass spectrometry (MS) systems might have additional computer requirements for data acquisition. For details, refer to the release notes for your MS system.

> **CAUTION** The Xcalibur application only supports US English versions of Windows and Office, with the English locale settings.

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Apart from date localization in reports, no other locale settings (such as change of decimal separator or change of list separator) are supported.

To avoid failure of data acquisition and processing, be sure to test all settings.

Installation

Installation as an upgrade from Xcalibur 2.1, Xcalibur 2.1 SP1, and Xcalibur 2.2.

You can use the Xcalibur 2.2 SP1 installer to directly upgrade from the Xcalibur 2.1, Xcalibur 2.1 SP1, and Xcalibur 2.2 applications.

Resolved Issues

The following table lists defects that were resolved between the Xcalibur 2.2 and Xcalibur 2.2 SP1 applications. The table excludes Help issues and any cosmetic fixes. In some cases the abstract has been amended or extended from the original to better describe the reported issue. Both an engineering fix and follow-up testing (verified by our product evaluation department) have resolved each of these issues.

Item ID	Software section	Abstract
DE8933	Qual Browser	Xtract context (shortcut) menu entry is not active (gray).
DE9189	Qual Browser	The calculation value of "RDB" in QUAL Browser is different from the real RDB value calculated from a known structure.
DE9214	Installer	Silent installer is not working properly.
DE9259	Installer	The LCquan™ Template Configuration Reports Type needs to be updated.

Known Issues

Suggested recovery actions

- For some issues, restarting the application is the appropriate recovery action.

- In some cases (particularly issues that arise during data acquisition), restarting applications such as the Home Page might not ensure complete recovery. Typically, restarting the computer resolves issues, but some devices with error conditions might require power cycling.

- As a fix we generally do not recommend reinstalling the software or the operating system, which more commonly occurs after you install a new hard drive.

Feature requests and other removed items

- We do not include issues where there is insufficient information logged to successfully reproduce the reported problem.

- We do not list feature requests as software issues, regardless of the reported significance or severity of the request. Product managers evaluate logged feature requests for future releases.

- We report only discrepancies in the documented software as known issues.

Terminology

Severity	Interpretation
Crash/Data Loss	A problem that renders the system unusable because either an entire function is unusable and no workaround exists, or use of the current system compromises data integrity or results in data loss. Catastrophic problems also include significant and non-obvious quantitative errors, and all human and instrument safety issues.
Major Problem	A serious issue that does not affect data integrity (meaning data loss, corruption of data, or the wrong answer), but affects the customer's ability to use the product as designed. It can be a failure, design issue, or documentation error or omission. A workaround might or might not exist.
Minor Problem	A minor error or poor behavior of a product feature. There is probably a workaround.
Cosmetic	An issue that has a limited effect on customer usage of the product; for defects with visibility so low that a customer might never see it; or for ease of use issues or other items not causing any performance degradation.

Risk	Interpretation
High	Occurrence is likely to happen and can compromise operation.
Medium	Occurrence is uncommon, but if it occurs, can compromise operation.
Low	Issue is minor; however, the software might operate differently from a user's expectations. A workaround is often available.
No Risk	This issue causes no problems but is commonly an inconsistency or a cosmetic issue.

Known defects

The following table contains known defects in the software, categorized by software section, with a brief abstract and information related to each defect's severity and risk. The Item ID is the internal number assigned to each issue. Product management assesses risk, which can differ significantly from the reported severity.

Software section	Severity	Abstract	Risk	Item ID
Acquisition	Major Problem	We have encountered a data acquisition problem when a PDA 80 device is configured that can potentially cause the Home Page application to crash during the Real-Time Display in the middle of a run. The data acquisition service continues to collect data to disk and the resultant data (.raw) file is collected successfully, but the Home Page application crash forces the user to shut down the Home Page application and restart it for another run. All sequences that have been submitted will continue to be acquired. This is a known issue for PDA support that will be addressed as soon as possible.	High	DE7739

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