

PRODUCT BULLETIN

Type: Information

Bulletin Number IB 2021010

Subject: New Starrsed software version

From: Support department

Date: August 2021

Number of pages: 2

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Instrument(s):

All Starrsed instruments equipped with a Windows 7/10 PC and ELO screen.

Modifications:

Version 6.12.5:

- The Diluter is always returning to home position after aspiration, regardless the EDTA-mode setting
- The carousel rotates automatically to an enabled pipette if a disabled pipette is at fill position.

See for more information the Software release certificate.

Software version 6.12.4 was only released for internal use.

Impact on

Quality / validity of results: No

Reliability of the instrument: Yes

Safety of the instrument: No

Effective from:

May 2021

Compatibility:

All Starrsed instruments equipped with a Windows 7/10 PC and ELO screen (For software version 6.12.5).

Is field modification possible?

Yes.

Order information:

The new version can be downloaded from our website (after login)
<https://support.rrmechatronics.com/index.php/tools/>

Notes on stock and obsolescence:

N/A

Additional information:

Software Release Certificate Starrsed Software version 6.12.5

Software Release Certificate

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Zwaag, 2021-03-25

The following software is validated and released:

Ref. number: **QTST200002**
 Descriptions: **"Starrsed PC software"**
 Version: **6.12.5**
 Release date: **2021-03-25**

Previous released version:
version 6.12.3

The software is released for the following instruments:

- **Interrliner**
 Released for Windows 7 and Windows 10 PC's with ELO screen.
 Field update is possible for instruments with Windows 7 and Windows 10 with ELO screen.
- **Starrsed RS**
 Released for Windows 7 and Windows 10 PC's with ELO screen.
 Field update is possible for instruments with Windows 7 and Windows 10 with an ELO screen.
- **Starrsed TL**
 Released for Windows 10 PC's with ELO screen
 Field update is possible for instruments with Windows 10 and ELO screen

Off the shelve software versions

Name	Version	Previous version	Description
Windows 10 Enterprise IoT	1604 LTS	1604 LTS	Operating system
LabVIEW	2013 SP1	2013 SP1	System design platform and run-time environment

Validation:

F4170 Test report Starrsed PC Software V6_12_5, revision AA

Listing of modifications and affected software function groups: **on the following pages**

Released by: Quality Assurance & Regulatory Affairs Department

This document is electronically signed and released, see last page.

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Change control: Changes in template are marked pink in the published original in greenlight.guru

Document: Software Release Certificate QTST200002_V6-12-5.docx

Starrsed RS, Interrliner, TL:

ESR core functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
Sample aspiration and dilution	Diluter always homing after aspiration regardless EDTA mode setting	Yes	Yes	Yes
Sample measuring	None	no	no	no
Result post-processing	None	no	no	no
Pipette transport	No disabled pipette on filling position if carousel is empty and sample mode off	Yes	Yes	Yes
Priming and cleaning	none	no	no	no

Sample handling functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
Sample identification	none	no	no	no
Tube handling	none	no	no	no
Rack handling	none	no	no	no

Communication functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
Internal communication	none	no	no	no
Printing	none	no	no	no
LIMS communication	none	no	no	no
Sysmex track communication	none	not applicable	no	not applicable
Inpeco LAS communication	none	not applicable	not applicable	no
GLP TSM communication	none	not applicable	not applicable	no
Status communication	none	no	no	no

Management functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
GUI	none	no	no	no
Sample data management	none	no	no	no
QC management	none	no	no	no
Reagent management	none	no	no	no
Maintenance management	Sample counter added to error messages	Yes	Yes	Yes
Settings management	none	no	no	no
Service and test functions	none	no	no	no

System functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
Operating system	none	no	no	no

■ RRM Internal Review and Approval is documented electronically in greenlight.guru