

PRODUCT BULLETIN

Type: Information

Bulletin Number IB 2021009

Subject: New Starrsed software version

From: Support department

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Date: August 2021

Number of pages: 2

Instrument(s):

Starrsed RS and Interrliner equipped with a Windows 7/10 PC and NEC or ELO screen.

Modifications:

Version 5.11:

- Sample mode correctly stopped if there is an error.

See for more information the Software release certificate.

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 NEC or ELO screen (For software version 5.11).

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 5.11

Software Release Certificate

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Zwaag, 2021-04-12

The following software is validated and released:

Ref. number: **QTST200002**
Descriptions: **"Starrsed PC software"**
Version: **5.11**
Release date: **2021-04-12**

Previous released version:
version 5.09

The software is released for the following instruments:

- **Interrliner**
Released for Windows 7 and Windows 10 PC's with ELO or NEC 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 or NEC screen.
Field update is possible for instruments with Windows 7 and Windows 10 with ELO screen.

Off the shelf 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 V5_11, 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.

Starrsed RS, Interrliner

ESR core functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	
Sample aspiration and dilution	Sample mode correctly stopped if there is an error	Yes	yes	
Sample measuring	None	no	no	
Result post-processing	None	no	no	
Pipette transport	none	no	no	
Priming and cleaning	none	no	no	

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

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

Management functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	
GUI	none	no	no	
Sample data management	none	no	no	
QC management	none	no	no	
Reagent management	none	no	no	
Maintenance management	none	no	no	
Settings management	none	no	no	
Service and test functions	none	no	no	

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

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