

Software Release Certificate

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Zwaag, June 5th, 2018

The following software is validated and released for distributor validation:

Ref. number: **QTST200002**
Descriptions: **"Starrsed PC software"**
Version: **6.10.1**
Release date: **05-06-2018**

Previous released version:
version 6.09(only applicable for Starrsed TL)

The software is released for validation in the following instruments:

- **Starrsed TL**
Released for new installed PC's. (Windows 10)
Field update is possible.
Full interface compatibility with:
 - a) Inpeco FlexLab (both standard and high throughput)
 - b) Siemens Aptio
 - c) Abbott Accelerator
 - d) GLP TSM

Note:

a, b, c: LAS communication according Inpeco document DSS-STL CP.01

d: TSM communication according GLP document: TSM – communication Interface Specification v3.2.35

Validation:

F4170 Test Report Starrsed PC Software V6.10.0 Win10

F4170 Test report Starrsed PC Software V6_10_1

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

Released for validation by: Mr. K. Artz, Manager Quality Assurance & Regulatory Affairs

Date: June 5, 2018

Signature:



Listing of modifications and affected software function groups:

ESR core functions		Affected instruments		
Function group	Modifications	Starrsed RS	Interrliner	Starrsed TL
Sample aspiration and dilution	none	no	no	no
Sample measuring	none	no	no	no
Result post-processing	none	no	no	no
Pipette transport	none	no	no	no
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	New feature	not applicable	not applicable	yes
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	none	no	no	no
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	Windows 10	Yes	Yes	Yes