



RIGGTEK
Dissolution Test Systems



Browser-Interface for DissoPrep

integrate your DissoPrep in your IT-infrastructure



Browser-Interface for the DissoPrep BI-DPX™



BI-DPX

Browser-Interface for DissoPrep

integrate your DissoPrep in your IT-infrastructure



- Connect your DissoPrep via LAN to your local PC or to your company network
- and administrate your DissoPrep easily via your (Internet-)Browser without any further software-installation!



Bi-DPX

Browser-Interface for DissoPrep

integrate your DissoPrep in your IT-infrastructure



Administrate via the Browser-Interface:

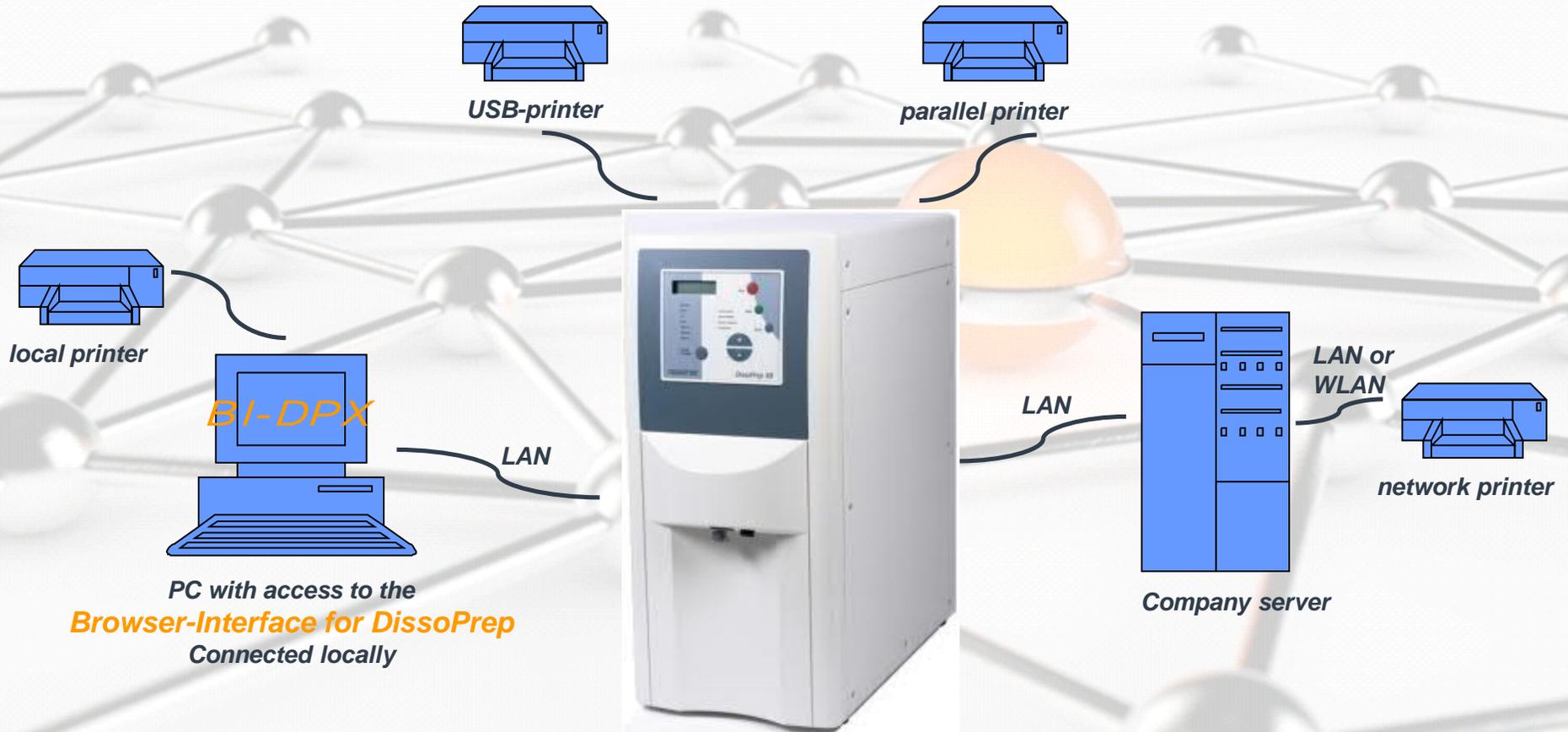
- methods
- user permissions
- security settings*
- reports
- audit trail
- electronic signature*
- users
- backup*
- system settings



BI-DPX

Browser-Interface for DissoPrep

integrate your DissoPrep in your IT-infrastructure

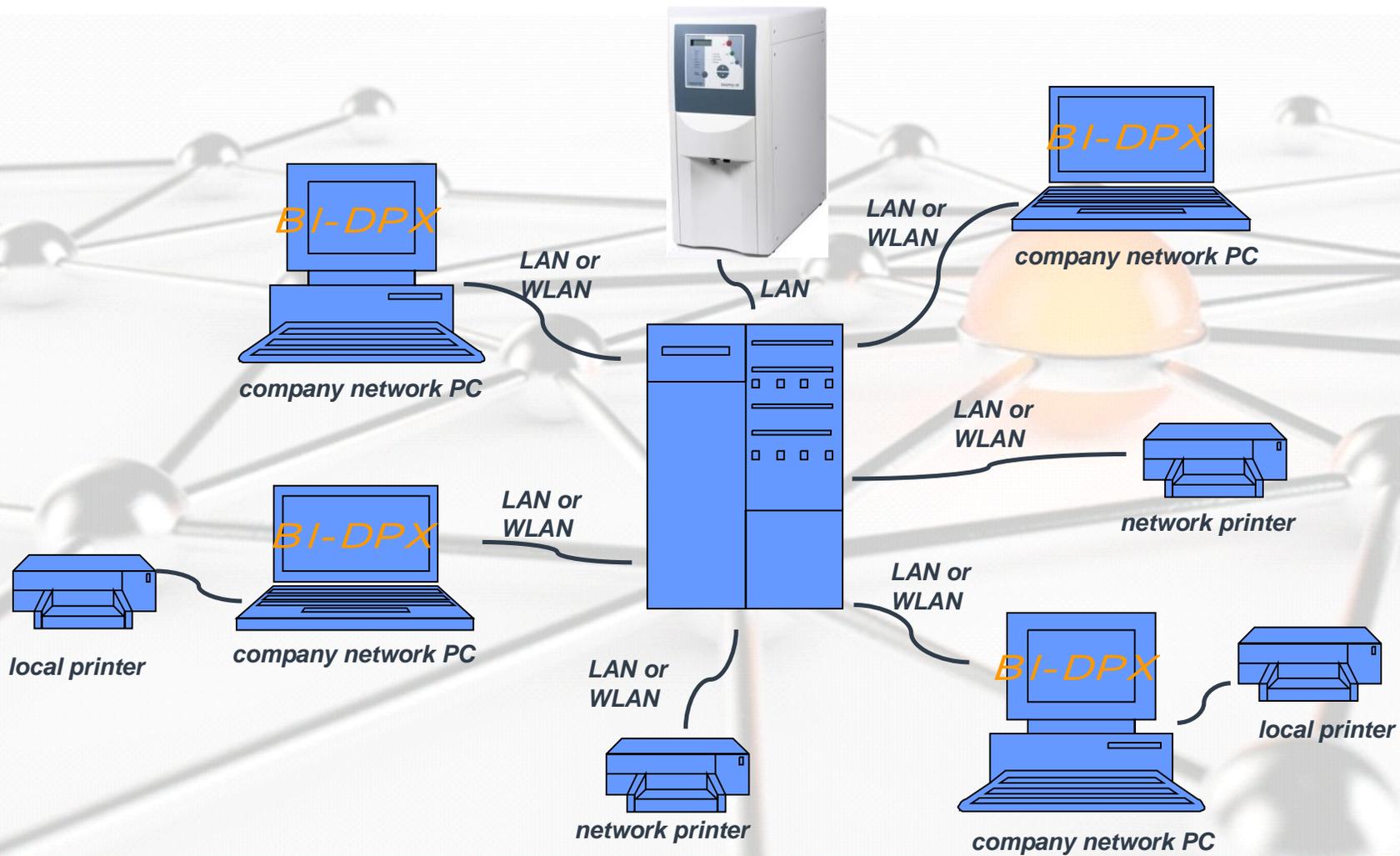


*PC with access to the
Browser-Interface for DissoPrep
Connected locally*

direct / local connection

Browser-Interface for DissoPrep

integrate your DissoPrep in your IT-infrastructure



connection via company network

Browser-Interface for DissoPrep

Data Integrity



The Browser-Interface is installed and running on the DissoPrep, so NO more software-installation on any external PC is necessary. That´s why there is NO data exchange of test results between the DissoPrep and the Browser-Interface, so one single place where the data is saved.

The DissoPrep is saving and controlling all data. It is not possible to change any data / test results like test reports, calibration reports, etc.. Data backups can be done manually, automatically or the printouts can be used as individual backups of these data.

The Browser-Interface is NOT controlling the DissoPrep, it is just an interface to administrate methods, reports, etc. on the DissoPrep itself with individual user permissions.

Because of not having any data exchange and only one place of saving the data, all demands on data integrity are fulfilled without a software-validation!

Browser-Interface for DissoPrep

21 CFR Part 11



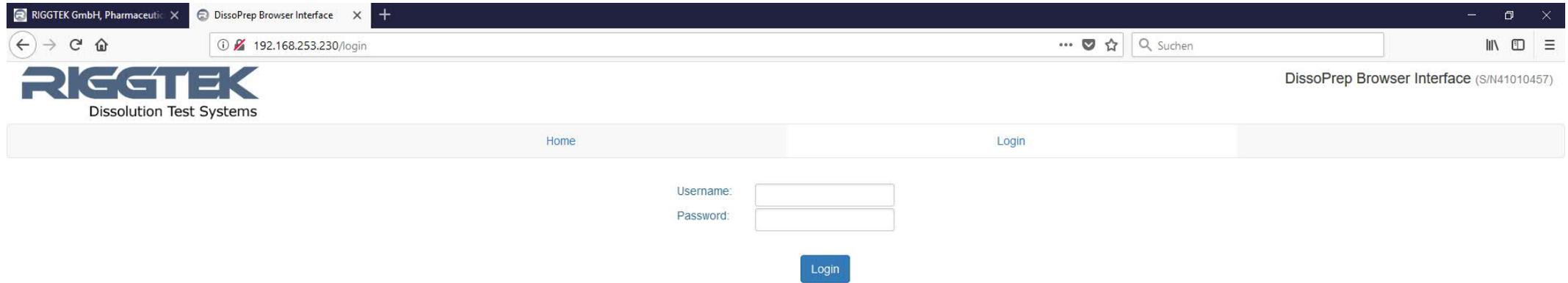
With the optional „CFR Package“ it is possible to achieve full 21 CFR Part 11 compliance.

- Individual user permissions,
- individual usage settings (e.g. automatic logout),
- individual password policy as well as
- electronic signature and
- commenting on the Audit Trail

are the features enabling to work with the DissoPrep 21 CFR Part 11 compliant.

Browser-Interface for DissoPrep

Login



If the DissoPrep is connected to your local PC or your company network, you only have to type in the IP-address of your DissoPrep in your (Internet)-Browser to reach the Login-Screen – as shown above.

Browser-Interface for DissoPrep

Navigation Bar and Method List



The screenshot displays the DissoPrep web interface. At the top is a navigation bar with tabs: Home, Methods, Reports, Calibrations, Performance, Rolemanager, Usermanager, Audittrail, Setup, Tini, and Logout. Below the navigation bar, there is a search area with a dropdown menu set to 'Show 10 entries', a search input field, and a dropdown menu set to 'Active Methods' with an 'Add new' button. The main content is a table of methods with columns: ID, Method, Status, Parameter, Updated, and Actions. The table lists 11 methods, each with a set of action buttons: Print, Edit, Sign, Archive, and Delete. At the bottom of the table, there is a pagination control showing 'Showing 1 to 10 of 55 entries' and a set of page numbers (1, 2, 3, 4, 5, 6) with 'Previous' and 'Next' links.

ID	Method	Status	Parameter	Updated	Actions
2	HCL Paracetamol	Reviewed	Vessel: 8, Vol: 900, Add: 22.5, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
3	Method ID 3	Unsigned	Vessel: 7, Vol: 1000, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
4	Method ID 4	Unsigned	Vessel: 6, Vol: 999, Add: 101.9, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
5	Method ID 5	Unsigned	Vessel: 6, Vol: 900, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
6	Method ID 6	Unsigned	Vessel: 7, Vol: 900, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
7	Method ID 7	Unsigned	Vessel: 6, Vol: 900, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
8	Method ID 8	Unsigned	Vessel: 8, Vol: 500, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
9	Method ID 9	Unsigned	Vessel: 7, Vol: 500, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
10	Method ID 10	Unsigned	Vessel: 6, Vol: 500, Add: 0.0, Temp: 38.0, Degass: 120	d.m.Y H:i:s	Print Edit Sign Archive Delete
11	Method ID 11	Unsigned	Vessel: 1, Vol: 3000, Add: 0.0, Temp: 37.0, Degass: 60	d.m.Y H:i:s	Print Edit Sign Archive Delete

← *Navigation Bar*

← *Action Buttons of a method*

After the successful login, you will see the Navigation Bar, which will always be shown at the top of the screen. The tab „Methods“ is showing the list of stored methods. Searching, sorting and filtering the method list is easily possible.

For printing, editing or electronically signing*, archiving or deleting a method, the appropriate Action Buttons are available for each method (if available according the user´s permissions and options).

Browser-Interface for DissoPrep

editing methods



Home Methods Reports Calibrations Performance Usermanager Rolemanager Setup Logout

Edit Method: **Method 2**

Description:

Vessels:

Volume: g per Vessel

Additive: g per Vessel (1:3-1:100)

Temperature: °C

Additional Degassing Time: seconds (0-600)

After selecting a method, all shown parameters can be changed.

Interdependent parameters as Number of vessels and Volume per vessel will be adapted automatically to possible values if applicable.

Press the „Save-Button“ for saving the changes.



Browser-Interface for DissoPrep

viewing, printing and saving of reports

MEDIA DISPENSE REPORT
No: 1

DissoPrep X8 RIGSTEK GmbH Germany

Serial Number : R41020520
Firmware Version: 8.08

General Data:
Nominal filter capacity [l]: 5000
Remaining filter capacity [l]: 4948
Volume throughput up to now : 52

Method: 0
1000, 10.0, 6, 37.0
Method 0

Result of the dosages [g]:

	MEDIUM	ADDTV	RATIO	DEV%
Fill Nominal:	6000	60.0	0.010	
Fill Actual:	6538	65.4	0.010	+0.0

	MEDIUM	DEV%	ADDTV	DEV%
Vessel No. 6:	1000	-0.0	10.0	+0.0
Vessel No. 5:	1001	+0.1	10.0	+0.0
Vessel No. 4:	1000	+0.0	10.0	+0.0
Vessel No. 3:	1000	+0.0	10.0	+0.0
Vessel No. 2:	1000	+0.0	10.0	+0.0
Vessel No. 1:	1000	+0.0	10.0	+0.0

Result (average):
1000 0.0

Max.deviation: 1
Std.deviation: 0.3

Temperature (average): 34.1 C

MAX.VACUUM at 89 mbar abs. pressure
Overall DEGASSING TIME (mm:ss): 10:30
"ERROR STIRREER" occurred.

Date, Time: 19.05.2016, 08:01

Name:

Signature:

Dates/Times no verified specifications

Printed at: 2018.8.23 16:32:16 by approver
Reviewed at: 2018.8.23 12:38:16 by reviewer
Unsigned at: 2018.8.23 12:44:26 by approver
Submitted at: 2018.8.23 16:31:05 by usertest1

DissoPrep Browser Interface (S/N41010457)

Home Methods Reports Calibrations Performance Usermanager Rolenanager Setup Logout

Show 10 entries Search:

#	Status	Report	Parameter	Date	Actions
1	Approved	MEDIA DISPENSE REPORT	Method: 0	2016-05-19 08:01:27	Print Sign
2	Reviewed	MEDIA DISPENSE REPORT	Method: 0	2016-07-15 11:39:25	Print Sign
3	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-07-15 12:11:36	Print Sign
4	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-07-20 14:28:16	Print Sign
5	Unsigned	MEDIA DISPENSE REPORT	Method: 10	2016-07-28 11:53:15	Print Sign
6	Unsigned	MEDIA DISPENSE REPORT	Method: 9	2016-09-05 09:40:21	Print Sign
7	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-09-19 12:37:45	Print Sign
8	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-09-22 13:10:59	Print Sign
9	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-09-23 11:56:35	Print Sign
10	Unsigned	MEDIA DISPENSE REPORT	Method: 0	2016-07-15 13:13:35	Print Sign

Showing 1 to 10 of 91 entries Previous 1 2 3 4 5 ... 1

Home Methods Reports Calibrations Performance

Show 10 entries

#	Status	Report
1	Submitted	MANUAL PRESSURE CALIBRATION REPORT
2	Unsigned	MANUAL TEMPERATURE CALIBRATION REPORT
3	Unsigned	MANUAL TEMPERATURE CALIBRATION REPORT
4	Unsigned	MANUAL QUANTITY CALIBRATION REPORT
5	Unsigned	MANUAL QUANTITY CALIBRATION REPORT
10	Unsigned	MANUAL PRESSURE CALIBRATION REPORT
11	Unsigned	MANUAL TEMPERATURE CALIBRATION REPORT
12	Unsigned	MANUAL TEMPERATURE CALIBRATION REPORT
13	Unsigned	MANUAL QUANTITY CALIBRATION REPORT
15	Unsigned	MANUAL QUANTITY CALIBRATION REPORT

Showing 1 to 10 of 19 entries

Show 10 entries

#	Status	Report
6	Reviewed	MANUAL PERFORMANCE TEST REPORT
7	Unsigned	MANUAL PERFORMANCE TEST REPORT
8	Unsigned	MANUAL PERFORMANCE TEST REPORT
9	Submitted	MANUAL PERFORMANCE TEST REPORT
14	Unsigned	MANUAL PERFORMANCE TEST REPORT
21	Unsigned	MANUAL PERFORMANCE TEST REPORT
26	Unsigned	MANUAL PERFORMANCE TEST REPORT

Showing 1 to 7 of 7 entries

*Electronic
Signature
Informations**



The DissoPrep will save the following reports, which can be shown, printed or saved via the Browser-Interface: Media-Dispense-Reports, Calibration-Reports, Performance-Test-Reports. By pressing the the appropriate button, the report can be signed* or the report will be shown as pdf-document, which can be printed or saved. The last four electronic signatures* are shown on the printout. All reports are saved securely at the DissoPrep and can't be deleted or changed in any way.

Browser-Interface for DissoPrep

Usermanager



Home Methods Reports Calibrations Performance Usermanager Rolemanager Setup Logout

Show entries Search:

[Add User](#)

Username	Realname	Role	Device responsible	Actions
approver	approver	Approver	No	Edit Delete
developer0	developer	Developer	Yes	Edit Delete
manager	manager	Manager	No	Edit Delete
reviewer	reviewer	Reviewer	No	Edit Delete
reviewer0	reviewer0	Reviewer	No	Edit Delete
riggtek	Riggtek GmbH	Admin	No	Edit
usertest1	user1	User	No	Edit Delete

Showing 1 to 7 of 7 entries [Previous](#) [Next](#)

The „Usermanager“ allows to add, delete and edit users. It is possible to edit the

- Realname
- Role – user roles are possible to define individually (see „Rolemanager“)
- Responsibility for the device
- the password

Edit User ID: **testuser2**

Realname:

Role:

Responsible for the device:

Password:

Confirm password:

[Cancel](#) [Update](#)

Browser-Interface for DissoPrep

Rolemanager



Edit Role ID: 0

Role Name: Admin

Role Rights:

Methods

- | | |
|---|--|
| <input checked="" type="checkbox"/> Add Method | <input checked="" type="checkbox"/> Edit Method |
| <input checked="" type="checkbox"/> Archive Methods | <input checked="" type="checkbox"/> Delete Method |
| <input checked="" type="checkbox"/> Import Methods | <input checked="" type="checkbox"/> Empty and Import Methods |

Users

- | | |
|--|--|
| <input checked="" type="checkbox"/> View Users | <input checked="" type="checkbox"/> Add User |
| <input checked="" type="checkbox"/> Edit User | <input checked="" type="checkbox"/> Archive User |
| <input type="checkbox"/> Unlock User | |

Roles

- | | |
|--|--|
| <input checked="" type="checkbox"/> View Roles | <input checked="" type="checkbox"/> Add Role |
| <input checked="" type="checkbox"/> Edit Role | <input checked="" type="checkbox"/> Archive Role |

Audittrail

- | | |
|---|---|
| <input checked="" type="checkbox"/> View Audittrail | <input checked="" type="checkbox"/> Archive Audit Entries |
| <input checked="" type="checkbox"/> Update Audittrail | <input checked="" type="checkbox"/> Download Audittrail |

Setup

- | | |
|--|--|
| <input checked="" type="checkbox"/> View Setup | <input checked="" type="checkbox"/> Update Setup |
| <input checked="" type="checkbox"/> Upload Product Key | <input type="checkbox"/> Download Backup |

Signature

- | | |
|---|---|
| <input checked="" type="checkbox"/> Submit Report & Methods | <input checked="" type="checkbox"/> Review Report & Methods |
| <input checked="" type="checkbox"/> Approve Report & Methods | <input checked="" type="checkbox"/> Unsign Report & Methods |
| <input checked="" type="checkbox"/> Same user Unsign & Submit Report & Methods | <input checked="" type="checkbox"/> Same user Submit & Review Report & Methods |
| <input checked="" type="checkbox"/> Same user Review & Approve Report & Methods | <input checked="" type="checkbox"/> Same user Approve & Unsign Report & Methods |

Cancel

Update

The „Rolemanager“ allows to set the permissions of the created roles individually according to the user´s/company´s demands.

Browser-Interface for DissoPrep

Audit-Trail



Show entries Search:

Show

Archived	Created	Entry	Actions
<input type="checkbox"/>	13:01 15.07.2019	BI2.00: User riggtek updated user test!	Comment
<input type="checkbox"/>	13:00 15.07.2019	BI2.00: User riggtek updated user test!	Comment
<input type="checkbox"/>	13:00 15.07.2019	BI2.00: User riggtek logged in!	Comment
<input type="checkbox"/>	11:46 15.07.2019	BI2.00: User riggtek logged in!	Comment
<input type="checkbox"/>	11:39 15.07.2019	BI2.00: User logged out!	Comment
<input type="checkbox"/>	11:38 15.07.2019	BI2.00: User riggtek logged out!	Comment
<input type="checkbox"/>	11:37 15.07.2019	BI2.00: User riggtek logged in!	Comment
<input type="checkbox"/>	11:37 15.07.2019	BI2.00: User riggtek logged out!	Comment
<input type="checkbox"/>	09:44 15.07.2019	BI2.00: User root logged out!	Comment
<input type="checkbox"/>	09:41 15.07.2019	BI2.00: User root logged in!	Comment

Showing 1 to 10 of 310 entries Previous 2 3 4 5 ... 31 Next

[Download Audittrail](#) [Archive Audittrail](#)

The Audittrail documents all relevant actions of the device including error-messages. Depending on the individual permissions and options, it is possible to download the Audittrail, archive selected Audittrail entries and make comments* to individual Audittrail entries.

Browser-Interface for DissoPrep

Setup



General | Date / Time | Network | Printer | Security | Electronic Signature | Backup | System

Upload Product Key: Keine Datei ausgewählt.

Device ID:

The „Setup“ allows to easily edit general settings like

- Device ID (customers internal ID for the device)
- date and time,
- network configuration,
- printer configuration,
- security settings* (see more details on following pages),
- settings for the Electronic Signature* (see more details on following pages),
- settings for the Backup* (see more details on following pages),
- system settings of the Sampilio (see more details on following pages).

Browser-Interface for DissoPrep

Security



Home Methods Reports Calibrations Performance Rolemanager Usermanager Audittrail Setup Logout

General Date / Time Network Printer **Security** Electronic Signature Backup System

Username minimum length:

Password Durability: Durability period in days:

Password Conditions: Special Character Lower Case Upper Case Number

Password Repetition: Password min. length:

Lock account after many Login attempts:

Logout after inactivity:

Can edit Setup at Device:

Can add Methods at Device: Can edit Methods at Device:

The Security Settings are part of the optional „CFR-Package“. With the Security Settings* it is possible to individually define

- the password policies,
- the automatic logout setting,
- if changes can be made at the device without user login.

Browser-Interface for DissoPrep

Electronic Signature



The screenshot displays the 'Electronic Signature' settings page. At the top, there is a navigation menu with options: Home, Methods, Reports, Calibrations, Performance, Rolemanager, Usermanager, Audittrail, Setup, and Logout. Below this, a sub-menu includes General, Date / Time, Network, Printer, Security, **Electronic Signature**, Backup, and System. The 'Method Using Level' is set to 'Unsigned'. Under 'Electronic Signature Conditions', the 'Unsign Comment' checkbox is checked, while 'Submit Comment', 'Review Comment', and 'Approve Comment' are unchecked. An 'Update' button is visible. A modal dialog titled 'Sign the Method' is open, containing a text input field for a comment and a 'History' list. The history shows two entries: 'Unsigned at: 17:13 12.07.2019 by [redacted] Comment: Method updated, Method unsigned!' and 'Reviewed at: 17:13 11.07.2019 by rigtek'. At the bottom of the dialog are buttons for 'Cancel', 'Submit', 'Review', 'Approve', and 'UnSign'.

Optional it is possible to sign reports and methods electronically*. The electronic signature status „Submit“, „Review“, „Approve“ and „UnSign“ are available according to the Rolemanager and the individual permissions.

In the settings, the user can determine which status is necessary to use a method and for which status the user needs to make a comment.

The current status of the approval can be seen in the method- and report-list. When signing, the approval history will be shown as above. Additionally the last 4 steps of the approval will be printed on the report.

Browser-Interface for DissoPrep

Backup



Home Methods Reports Calibrations Performance Rolemanager Usermanager Auditrail Setup Logout

General Date / Time Network Printer Security Electronic Signature **Backup** System

Generate Backup:

Backup to: Backup Frequency in days:

FTP-Server and Path:

FTP-Username:

FTP-Password:

The optional „Backup-Package“* allows to make backups to USB or to an FTP-Server. The backup can be done manually or automatically.

Browser-Interface for DissoPrep

Optional Packages



For the Browser-Interface, the following optional packages are available:

CFR-Package:

This package includes the features

- Electronic Signature
- Security Section / Password Policy
- Commenting of the Audittrail

Backup-Package:

This feature enables to make manual or automatic backups to USB or FTP.

Browser-Interface for DissoPrep

summary



- easy

Browser-Interface for DissoPrep

- powerful

- without software-
installation /-validation

BI-DPX

- 21 CFR Part 11
compliant

- standard feature



BI-DPX

RIGGTEK

we are available!



Do you have any further questions?

- Visit our webpage www.riggtek.com or
- give us a call *Tel.: +49 89 2302469-0* or
- email us to support@riggtek.com

We are available!
your RIGGTEK-Team

