SIEMENS Healthineers

UniPOC™

Point of Care Ecosystem™ Enabled

Configuration Guide

RAPIDPoint 500

RAPIDPoint 500e

from software version 1.8

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The information in this manual was correct at the time of printing. However, Siemens Healthcare Diagnostics continues to improve products and reserves the right to change specifications, equipment, and maintenance procedures at any time without notice.

If the UniPOC™ system is used in a manner differently than specified by Siemens Healthcare Diagnostics, the protection provided by the equipment may be impaired. Observe warning and hazard statements.

Table of Contents

1 Introduction

This manual describes the use of the UniPOC™ Point of Care Data Management System software to configure the RAPIDPoint® 500 and RAPIDPoint® 500e device.

These configurations are valid from RAPIDPoint 500 firmware version 3.0 and RAPIDPoint 500e firmware version 5.2.

Please read this configuration guide for step-by-step instructions and illustrations on how to configure the devices prior to placing them in service.

2 Intended Use

This software allows you to configure and use the RAPIDPoint® 500/RAPIDPoint® 500e device with the UniPOC™ Point of Care Data Management System. The UniPOC product is not for in-vitro diagnostic use.

3 Instrument Configuration Pages

Important: Configuration settings can change based on the UniPOC application version and device driver pack versions installed. For example, a device driver pack may be updated to support a new or changed configuration setting but if you are using an older version of the UniPOC application that does not support the change, you will not see the updated configuration setting in the UI.

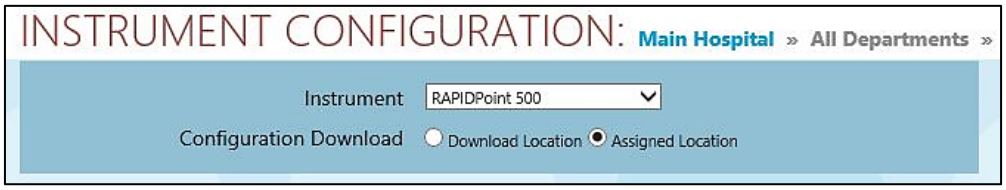
The following **Instrument Configuration** pages are described in this manual.

- Downloads Options
- Barcode Type Options
- Format Options
- General Options
- Measurements Options
- Output Options
- Patient Options
- Patient ID Options
- QC Options
- EQA Options
- Sample System Options
- Security Options
- Upload Options
- User ID Options
- QC Lockout Options
- AQC Lockout Options
- RQC Lockout Options
- Miscellaneous Options
- Analyte Options
- Range Options
- Instrument Settings

4 Configuration Screens

The **Instrument Configuration** screens in UniPOC allow you to view and edit the RAPIDPoint 500 and RAPIDPoint 500e configuration data for a specific location. These devices can be configured for the entire Organization or for an individual Facility, Department or Location.

Note: Siemens recommends entering configuration data at the Facility level when possible. Department level settings should then be used to vary the instrument configurations only as needed. The Organization level settings then remain available for reference as default values.



Procedure:

1. Select a Facility, Department or Location in the Tree.
2. From the menu, select **Instruments** > **Configuration**. The **Instrument Configuration** screen appears.
3. Select **RAPIDPoint 500** from the **Instrument** drop-down list.
4. Select one of the following **Configuration Download** options:

Assigned Location	(**Recommended**) If you select this option, UniPOC uses the Location where the device's serial number or name resides in the Location Tree regardless of where the device is physically located (Default). This location will determine the: • Configuration settings to be downloaded to the device • Supported lists downloaded to the device • Location where all test data are uploaded to in the Tree
Download Location	(**Not Recommended**) If you select this option, UniPOC uses the Location where the device's IP address resides in the Location Tree. This location will determine the: • Configuration settings to be downloaded to the device • Supported lists downloaded to the device • Location where all test data are uploaded to in the Tree ***Note*:** UniPOC will automatically update the device's location in the Tree when it communicates to UniPOC.

5. Select the desired configuration tab and set the options.

   Note*:* Be sure to note the selected Tree level prior to saving the instrument configuration settings to ensure the settings are applied to the appropriate locations.

6. Do one of the following:
   - Click the **Save Configuration** button to save the settings.

     This will break the Parent-Child relationship and save the configuration as a new one, even if no changes were made. Saving an instrument configuration for a lower level of the Tree (Department or Location) will sever the relationship between the child and its

parent level on the Tree. Breaking the Parent-Child relationship is necessary to enable configuration settings different from the global Organization or Facility.

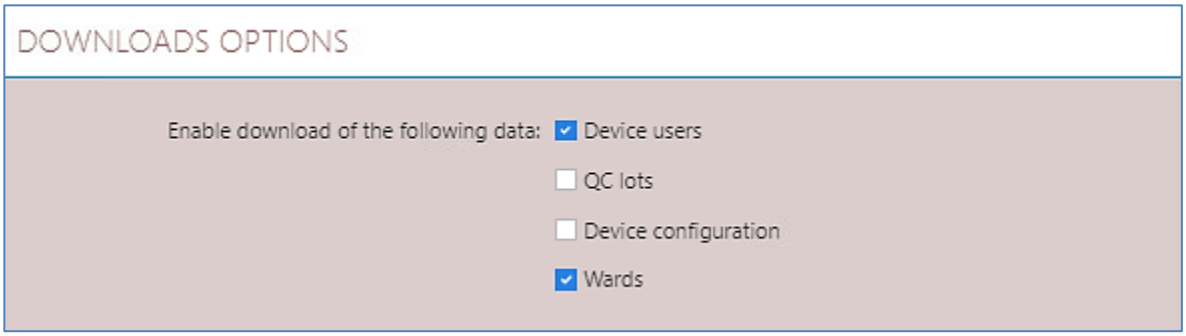
Refer to the *UniPOC User's Manual* for more information about the Location Tree Parent-Child Relationship.

- Click the **Restore Default Configuration** button to re-establish a Parent-Child relationship that was severed in error or when the configuration settings should be the same as its parent (Facility, Department or Location). This action will save the configuration from the parent.
- To cancel the configuration action without saving, go to a screen other than the **Instrument Configuration** screen.

4.1 Downloads Options

When a device is placed into operation for the first time, all data that can be downloaded from UniPOC to the model are automatically activated from this screen. This tab is used to set the download options. When you enable a download, all pre-existing data of that type stored on the device will be overwritten. Once enabled, options can be disabled at any time.

***Note*:** If you disable (uncheck) a download option, the data of that download type will no longer be sent to the device, and any previously downloaded configuration data will be retained on the device.



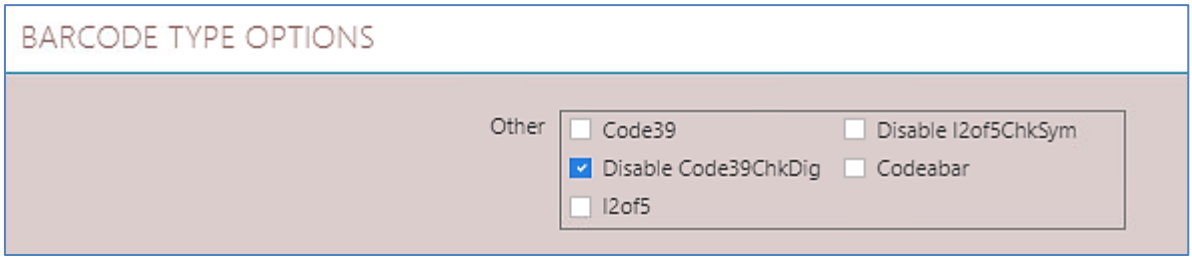
Explanation of the parameters

Enable download of the following data:	
☑ Device users	If selected, device users' data will be downloaded.
□ QC lots	If selected, QC lot data will be downloaded. ***Note***: One lot number per level per Automatic QC and one lot number per level per Required QC.
□ Device configuration	If selected, device configuration data will be downloaded.
☑ Wards	If selected, no device locations (by ward) are downloaded to RAPIDPoint 500 devices. This option is non-functional and will be used in the future to support firmware updates.

Table 1: Downloads Options

4.2 Barcode Type Options

This option is used to select one or more one-dimensional (1D) barcodes. It does not affect the settings you make for 2D barcodes on the device.



Explanation of the parameters

Other	Defines which barcode types the device will accept for a scanned Patient ID. The barcodes you select determine what codes can be scanned into the device.
☐ Code39	A barcode type that is widely used in many industries and is the standard for many government barcode specifications, including the U.S. Department of Defense. Code 39 is defined in American National Standards Institute (ANSI) standard MH10.8M-1983.
☑ Disable Code39ChkDig	To use this option, refer to Table 3.
☐ I2of5	A numeric-only barcode type widely used in warehouse and industrial applications. The data must consist of an even number of digits.
☐ Disable I2of5Chksum	To use this option, refer to Table 3.
☐ Codeabar	A self-checking, numeric-only barcode type. Codabar can encode the digits 0 through 9, six symbols (- : . $ / +) and the start/stop characters A, B, C, D, E, *, N or T.

Table 2: Barcode Type Options

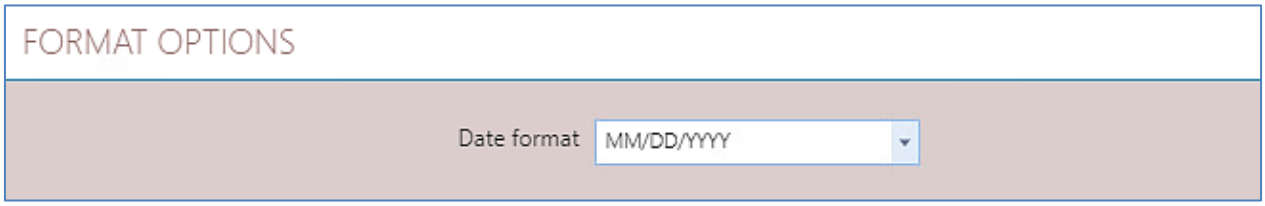
The table below lists the possible combinations for barcode data entry.

Barcode Type Selection	Explanation
☑ Code39 ☐ Disable Code39ChkDig	Select this combination to use Code39 barcodes with checksum verification activated on the device (check digit). (Default)
☑ Code39 ☑ Disable Code39ChkDig	Select this combination if you want to use Code39 barcodes without checksum verification (no check digit).
☑ I2of5 ☐ Disable I2of5ChkSum	Select this combination to use I2of5 barcodes with checksum verification activated on the device (check digit).
☑ I2of5 ☑ Disable I2of5ChkSum	Select this combination to use I2of5 barcodes without checksum verification (no check digit).

Table 3: Possible Barcode Combinations

4.3 Format Options

This screen allows you to customize how the date is displayed on the device.

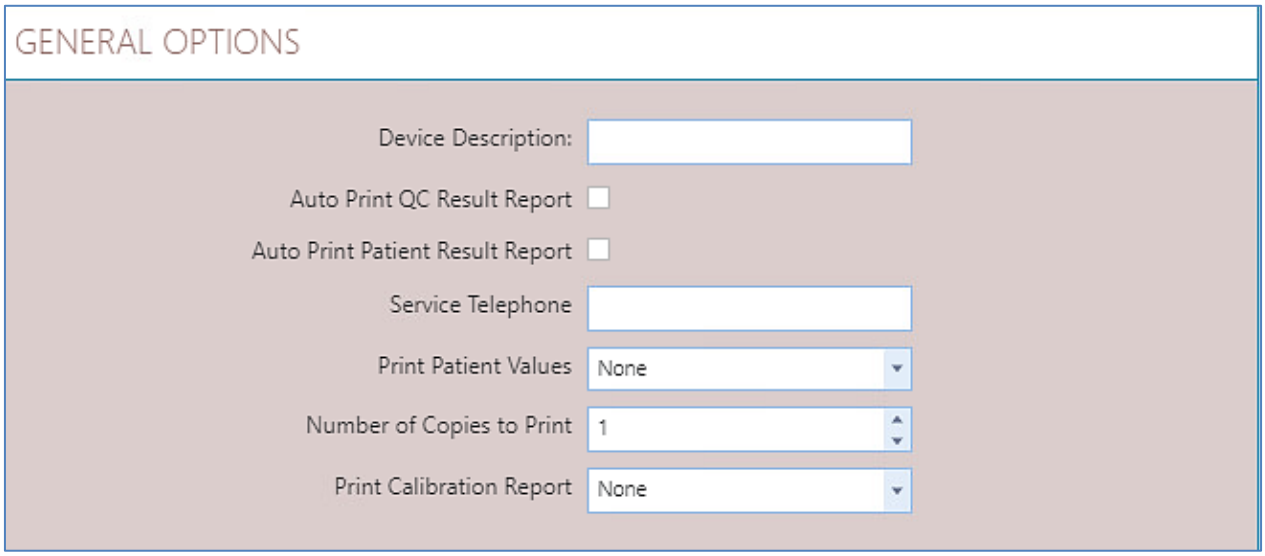


Explanation of the parameters

Date format	Choose the format in which you would like the date to appear in the device's final result display.
MM/DD/YYYY	Month/Day/Year (Default) e. g. 12/31/2022
DD.MM.YYYY	Day.Month.Year
YYYY.MM.DD	Year.Month.Day

Table 4: Format Options

4.4 General Options



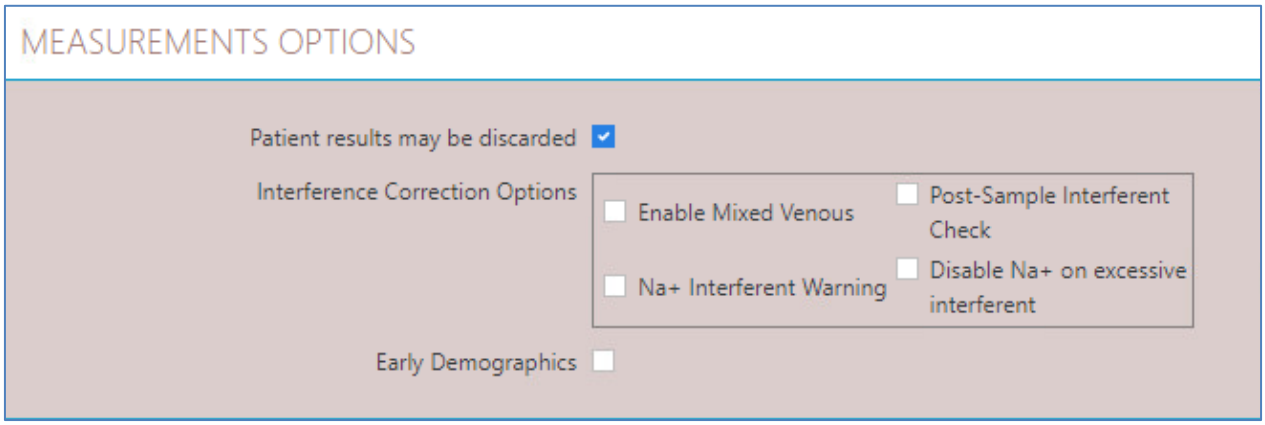
Explanation of the parameters

Device Description	Name of the device. The name can be used to identify a department, ward, or room number and is shown on the screens as soon as the device switches to standby mode. **Important**: To give a device within a UniPOC Location or Department a descriptive name, the name must be entered and saved with focus on the Tree at the Location or Department level. This will sever the Parent-Child relationship in the UniPOC Tree for the configuration settings for this device type at that level. Refer to the *UniPOC User's Manual* for more information about the Location Tree Parent-Child Relationship. This is a free-form text field that is limited to 20 characters. ***Note*: This option corresponds to the device's **System Options** > **Other Options** > **System Name** option.**
Auto Print QC Result Report ☐	Enables or disables automatic printing of QC sample reports after the result is generated. If selected, enables auto printing of QC sample reports. If not selected, disables auto printing of QC sample reports. (Default)
Auto Print Patient Result Report ☐	Enables or disables automatic printing of patient sample reports after the result is generated. If selected, enables auto printing of patient sample reports. If not selected, disables auto printing of patient sample reports. (Default)
Service Telephone	Enter the telephone number to call for assistance with your system. Default: Blank

Print Patient Values	Allows you to print patient ranges on patient sample reports (all or only flagged values)
None	Do not print patient ranges. (Default)
Flagged Values	Print flagged values only.
All	Print all patient ranges.
Number of Copies to Print	Select the number of copies to print of patient and QC sample reports. Possible choice: 1 to 3 Default: 1
Print Calibration Report	Turns on or off auto printing of calibration reports.
None	Turns off auto printing of calibration reports. (Default)
Status Only	Turns on auto printing of the Calibration Status report.
Full	Turns on auto printing for full calibration report.

Table 5: General Options

4.5 Measurements Options

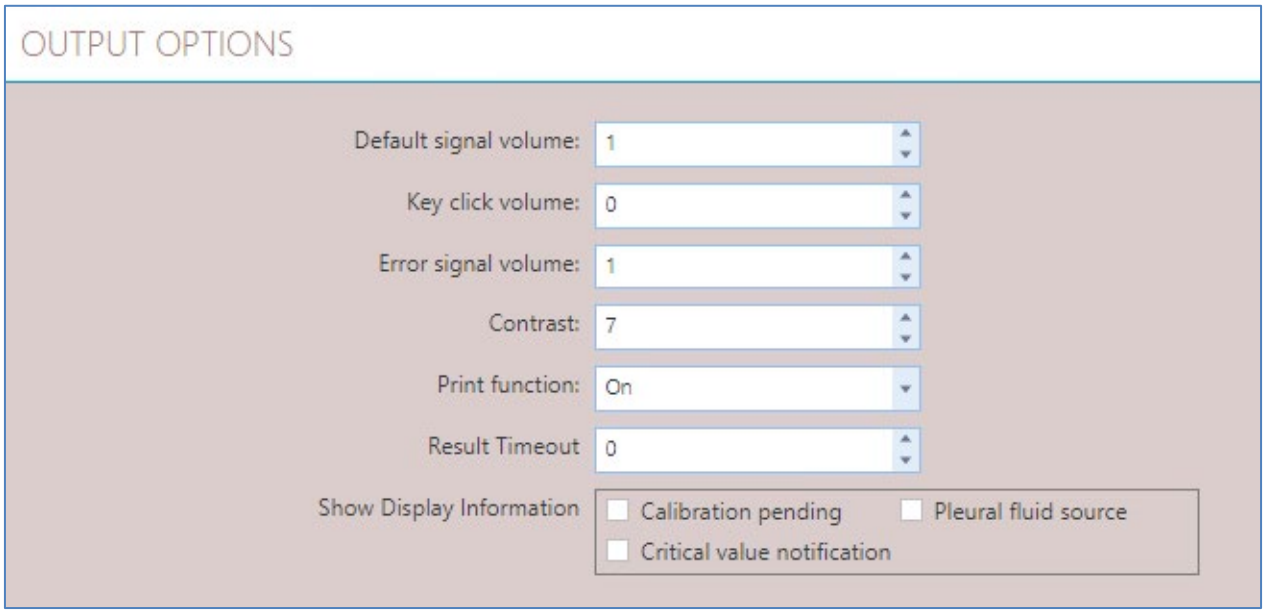


Explanation of the parameters

Patient results may be discarded ☑	If selected, the user will have the option to discard unwanted measurement results. (Default) ***Note***: This option corresponds to the device's **Secured Options** > **Analysis Options** > **Allow Reject Result** option.
Interference Correction Options	Select correction options for mixed venous samples containing potentially interfering substances and enabling the interferent warning message.
☐ Enable Mixed Venous	If selected, turns on interference correction for analyzing mixed venous samples. Only pO2, or pO2, tHb, and nBili can be measured when using this option.
☐ Na^+ Interferent Warning	If selected, a message indicating Na+ interference was detected will display on the printout and will post to the events logs on both the Analysis and Recall screens.
☐ Post-Sample Interferent Check	If selected and Na^+ interference is detected, Na^+ results are reported as questionable value results. The Na^+ result displays as "**----?**" without a numeric value on-screen and in printed reports. When used, 2 minutes will be added to the time-to-result.
☐ Disable Na+ on excessive interferent	If selected and excessive Na^+ interference is detected, the operator can have the Na^+ sensor disabled for the life of the current measurement cartridge.
Early Demographics ☐	Allows you to enter demographics earlier during sample analysis. When selected you enter demographic information while the system is aspirating the sample instead of waiting until aspiration is finished.

Table 6: Measurement Options

4.6 Output Options



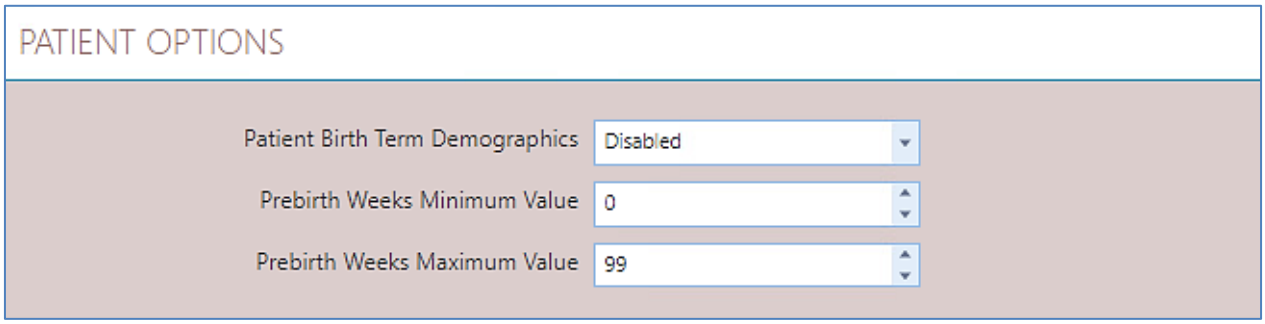
Explanation of the parameters

Default signal volume	Defines the acceptable volume of the acoustical signal that sounds after each measurement. Possible choice: 0 (OFF) to 3 (max. volume) Default: 1
Key click volume	Defines the acceptable volume of the touch sound, for example when you touch a button on the screen or a key on the built-in keypad. Possible choice: 0 (Off) to 3 (max volume) Default: 0
Error signal volume	Defines the acceptable volume for the video sound, for example when a video plays on the device showing how to analyze different sample types or how to perform a routine system procedure. Possible choice: 0 (Off) to 3 (max volume) Default: 1
Contrast	Defines the background contrast of the screen. Possible choice: 1 up to 8 (very bright up to very dark). Default: 7
Print function On Off	Enables or disables printing of test results. If selected, test results can be printed. (Default) If selected, printing of test results is disabled.

Result Timeout	Defines when a user will be automatically logged off the device. Possible choice: 0 (disabled) to 15 minutes Default: 0 ***Note***: The device only accepts 2, 5, 10 or 15-minute intervals so UniPOC rounds up to the next greater value to match the device setting. For example, if you enter 3, UniPOC will send 5 minutes to the device.
Show Display Information	Enables or disables notifications.
□ Calibration pending	Turns on or off the calibration pending message. If selected, the **Cal Pending** message appears in the banner 2 minutes before a scheduled calibration. If not selected, no countdown is displayed. (Default)
□ Critical value notification	Turns on or off the critical value notification message. If selected, the corresponding button appears on the device's **Results** screen, and you can select between several actions in response to the detection of critical value results. Default: Disabled
□ Pleural fluid source	Allows you to change the default patient sample type that appears on the Analysis screen. ***Note***: When the Pleural Fluid sample type is enabled, all other sample types (arterial syringe, capillary tube) are disabled. Default: Disabled

Table 7: Output Options

4.7 Patient Options



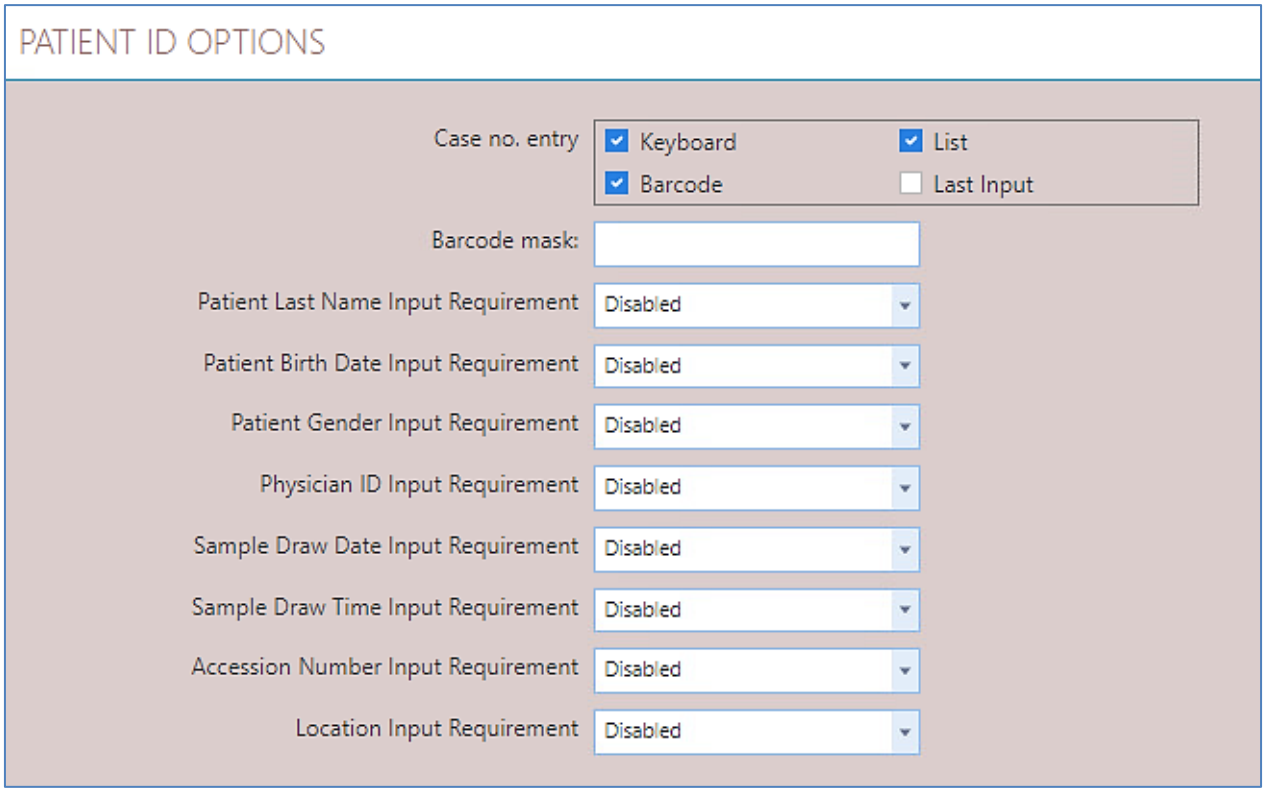
Explanation of the parameters

Patient Birth Term Demographics	Turns on or off the estimated date of birth entry on the device.
Disabled	If selected, birth term entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, birth term entry is enabled but not required.
Required	If selected, birth term is enabled and required.
Prebirth Weeks Minimum Value	Allows you to define gestation periods (lower limit). Possible choice: 0 to 99 weeks Default: 0
Prebirth Weeks Maximum Value	Allows you to define gestation periods (upper limit). Possible choice: 0 to 99 weeks Default: 99 weeks

Table 8: Patient Options

4.8 Patient ID Options

This option is used to define how the case number (commonly referred to as the Patient ID) can be entered on the device and what data entry fields are required when a patient measurement is performed.



Explanation of the parameters

Case no. entry	Used to define the input option for the Patient ID via keyboard and/or built-in barcode scanner and/or list. All options are combinable. ***Note**:* To ensure that only the numeric parts of a given barcode are used, you should define a corresponding barcode mask. See the *Barcode mask* option below.
☑ Keyboard	If selected, the Patient ID can be entered using the built-in keypad. (Default)
☑ Barcode	If selected, the Patient ID can be entered using the barcode scanner. (Default) If only Barcode is selected, the **Input Via Barcode Only** setting on the device will be activated. If no selection is made, barcode scanning is used. ***Note***: This option corresponds to the device's **Printers and Devices** > **Barcode Setup** > **Patient ID Bar Code** > **Input Via Barcode Only** option.
☑ List	If selected, the device's internal patient list is displayed from which you can select a patient ID. (Default) ***Note***: This option corresponds to the device's **Secured Options** > **Analysis Options** > **Patient List** option.

<table>
<tr><td>☐ Last Input</td><td>If selected, the device's internal patient list is displayed from which you can select a patient ID.

Note: This option corresponds to the device's Secured Options > Analysis Options > Last Patient option.</td></tr>
<tr><td>Barcode mask</td><td>Defines the input mask for the Patient ID barcode.

Note: This option corresponds to the device's Printer and Devices > Bar Code Setup option.

<table>
<tr><th>Allowed Characters</th><th>Description</th></tr>
<tr><td>? or 1</td><td>Patient ID field</td></tr>
<tr><td>0</td><td>Fields that do not apply for Patient ID</td></tr>
<tr><td>!</td><td>Allows you to define a fixed length by prefixing the barcode mask with the "!" character. It will be removed from the converted barcode mask.

The Fixed Length option enforces that the length of the data field you select when configuring the barcode format matches exactly the length of the data field that is entered on the device.</td></tr>
<tr><td>[number]characters</td><td>Creates a shorthand barcode mask.</td></tr>
</table>
The barcode for the Patient ID can be up to 13 characters in length. The total length of all characters must not exceed 20, except when using the "!" character, which precedes the barcode mask.

Example: If the barcode on the ID card is HOS0815PATIENT1234BB, then the barcode mask for the Patient ID is 0000000111111111?? for Patient ID PATIENT1234.

You can also define the same barcode 0000000111111111?? in shorthand, [7]0[11]1[2]? (Meaning 7 zeros, 11 ones and 2 question marks.)

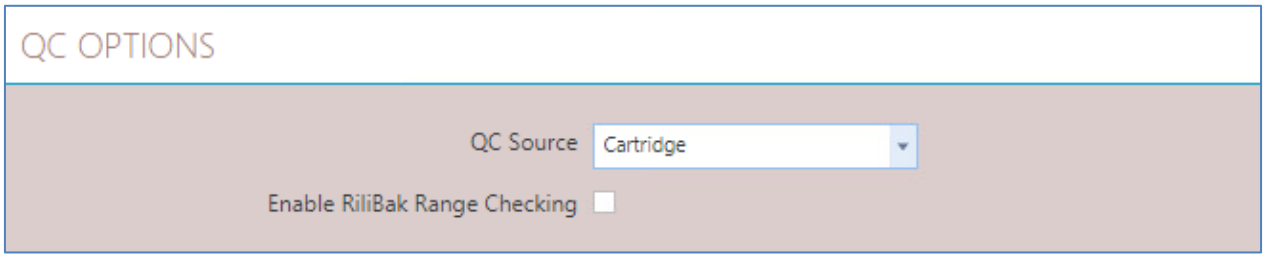
For the barcode to be accepted, all characters must be in the correct position. The characters are not stored, and the syntax of the barcode mask is not checked in UniPOC.</td></tr>
<tr><td>Patient Last Name Input Requirement</td><td>Turns on or off the patient's name entry (Last Name and First Name) during patient measurement.</td></tr>
<tr><td>Disabled</td><td>If selected, patient name entry is not required, and no entry field is shown on the device. (Default)</td></tr>
<tr><td>Enabled</td><td>If selected, patient name entry is enabled but not required.</td></tr>
<tr><td>Required</td><td>If selected, patient name entry is enabled and required.</td></tr>
<tr><td>Patient Birth Date Input Requirement</td><td>Turns on or off the patient's date of birth entry during patient measurement.</td></tr>
</table>

Disabled	If selected, the patient's date of birth entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, the patient's date of birth entry is enabled but not required.
Required	If selected, the patient's date of birth entry is enabled and required.
Patient Gender Input Requirement	Turns on or off the patient's **Sex** entry during patient measurement.
Disabled	If selected, the patient sex entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, patient's sex entry is enabled but not required.
Required	If selected, patient's sex entry is enabled and required.
Physician ID Input Requirement	Turns on or off the **Physician ID** entry during sample analysis.
Disabled	If selected, physician ID entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, physician ID entry is enabled but not required.
Required	If selected, physician ID entry is enabled and required.
Sample Draw Date Input Requirement	Turns on or off the **patient sample collection date** entry during sample analysis.
Disabled	If selected, patient sample collection date entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, patient sample collection date entry is enabled but not required.
Required	If selected, patient sample collection date entry is enabled and required.
Sample Draw Time Input Requirement	Turns on or off the **patient sample collection time** entry during sample analysis.
Disabled	If selected, patient sample collection time entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, patient sample collection time entry is enabled but not required.
Required	If selected, patient sample collection time entry is enabled and required.
Accession Number Input Requirement	Turns on or off the **accession number** entry during sample analysis.
Disabled	If selected, accession number entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, accession number entry is enabled but not required.

Required	If selected, accession number entry is enabled and required.
Location Input Requirement	Turns on or off the patient's **location** (ward) entry during sample analysis.
Disabled	If selected, the patient's location entry is not required, and no entry field is shown on the device. (Default)
Enabled	If selected, patient's location entry is enabled but not required.
Required	If selected, the patient's location entry is enabled and required.

Table 9: Patient ID Options

4.9 QC Options

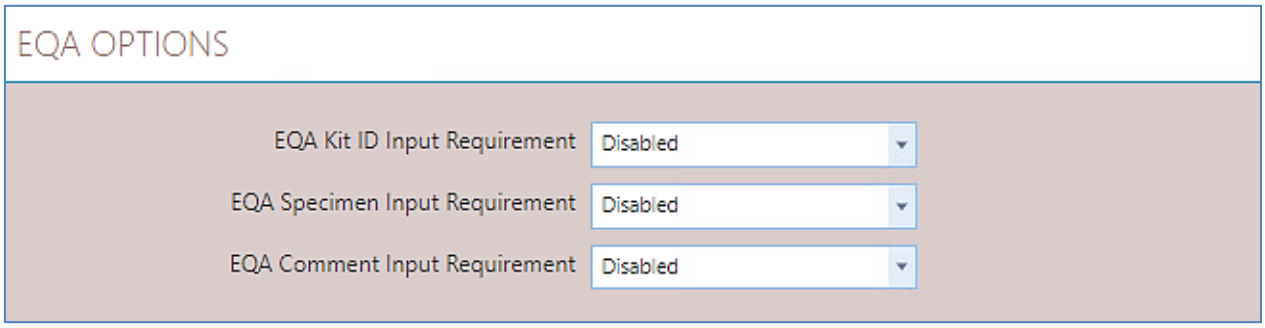


Explanation of the parameters

QC Source	Enables or disables QC syringe sample or cartridge sample types.
Cartridge	If selected, enables the cartridge sample type. (Default)
Syringe	If selected, enables the QC syringe sample type. The default sample type, which is either arterial syringe or capillary tube, always appears with a checkmark on the device's analysis screen. If not selected, the syringe sample type is blocked, and the corresponding button no longer appears on the analysis screen.
Enable RiliBak Range Checking ☐	Enables or disables checking of RiliBÄK ranges on the device. If selected, after performing analysis, any parameter results outside the RiliBÄK range displays in red text on the device's Results screen. Default: Disabled

Table 10: QC Options

4.10 EQA Options



Explanation of the parameters

EQA Kit ID Input Requirement	Enables or disables the **Kit Identifier** entry during proficiency survey testing (EQA).
Disabled	Proficiency survey kit ID entry is not required, and no entry field is shown on the device. (Default)
Enabled	Proficiency survey kit ID entry is enabled but not required.
Required	Proficiency survey kit ID entry is enabled and required.
EQA Specimen Input Requirement	Enables or disables **Specimen ID** entry during proficiency survey testing (EQA).
Disabled	Specimen ID entry is not required, and no entry field is shown on the device. (Default)
Enabled	Specimen ID entry is enabled but not required.
Required	Specimen ID entry is enabled and required.
EQA Comment Input Requirement	Enables or disables **Comment** entry during proficiency survey testing (EQA).
Disabled	Comment entry is not required, and no entry field is shown on the device. (Default)
Enabled	Comment entry is enabled but not required.
Required	Comment entry is enabled and required.

Table 11: EQA Options

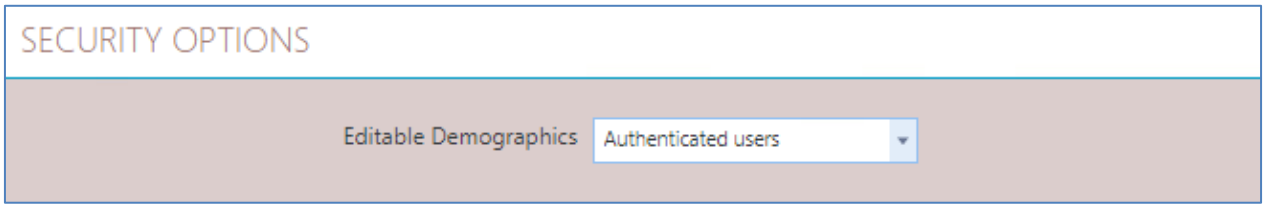
4.11 Sample System Options

Explanation of the parameters

Sample Source	Specifies the sample type that the device will use to perform a sample analysis. ***Note***: This option corresponds to the device's **Samples** > **Sample Type** option.
Arterial	If selected, a syringe of arterial blood must be used for measurement. (Default)
Capillary	If selected, a capillary tube of blood must be used for measurement.
Venous	If selected, a syringe of venous blood must be used for measurement.
Pleural fluid	If selected, a syringe of pleural fluid must be used for measurement. All other sample types are disabled.
Mixed Venous	If selected, a syringe of mixed venous blood must be used for measurement.

Table 12: Sample System Options

4.12 Security Options

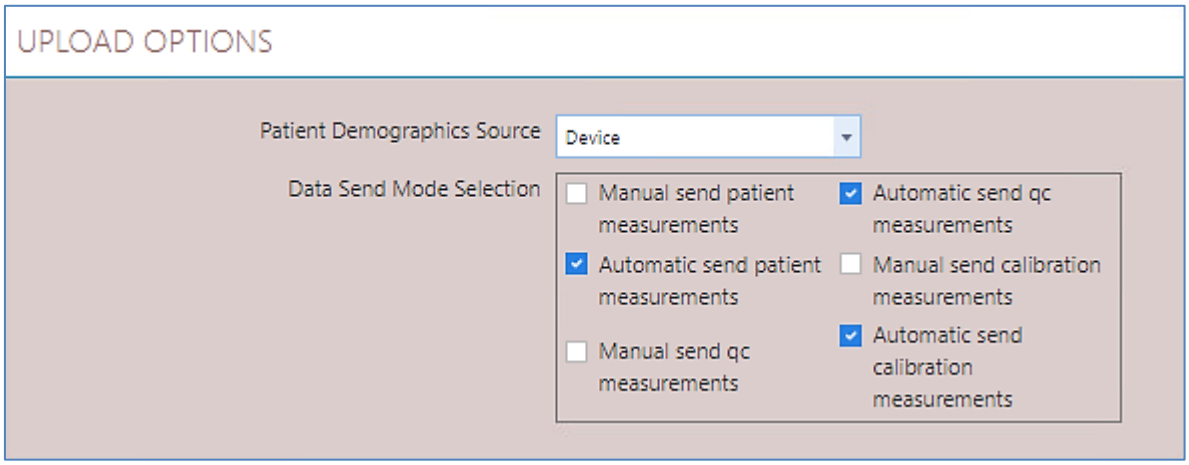


Explanation of the parameters

Editable Demographics	Allows you to edit custom demographics values on the **Recall** screen.
Authenticated users	If selected, limits editing to authenticated users/operators, for example operators in an operator list (if used). (Default)
None	If selected, editing of custom demographics is not allowed.

Table 13: Security Options

4.13 Upload Options



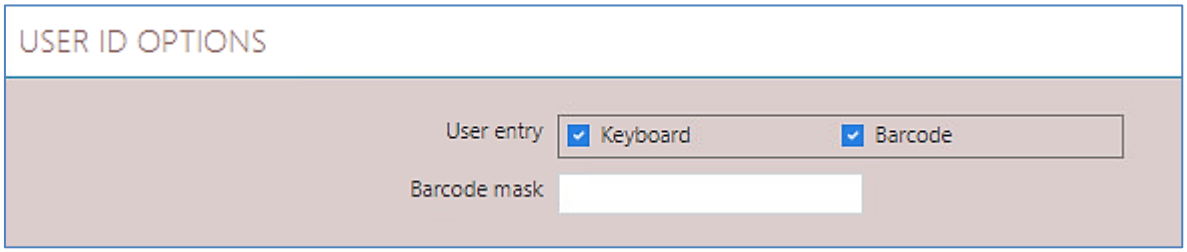
Explanation of the parameters

Patient Demographics Source	Sets the source of patient information query. Select from which source the query is to be started, for example, from the device or from UniPOC.
Device	If selected, patient demographics are queried on the RAPIDPoint 500e. (Default)
DataManager	If selected, patient demographics are queried from UniPOC.
Device/DataManager	If selected, patient demographics are queried from the RAPIDPoint 500e and then UniPOC.
DataManager/Device	If selected, patient demographics are queried from UniPOC and then from the RAPIDPoint 500e device.
Data Send Mode Selection	Allows you to use UniPOC to send patient, QC, or calibration measurements automatically to the LIS each time a patient sample is analyzed, or a calibration or QC is completed.
☐ Manual send patient measurements ☑ Automatic send patient measurements ☐ Manual send qc measurements ☑ Automatic send calibration ☐ Manual send calibration measurements ☑ Automatic send calibration measurements	Select which data to send automatically or manually.

Table 14: Upload Options

4.14 User ID Options

User ID is commonly referred to as Operator ID.



Explanation of the parameters

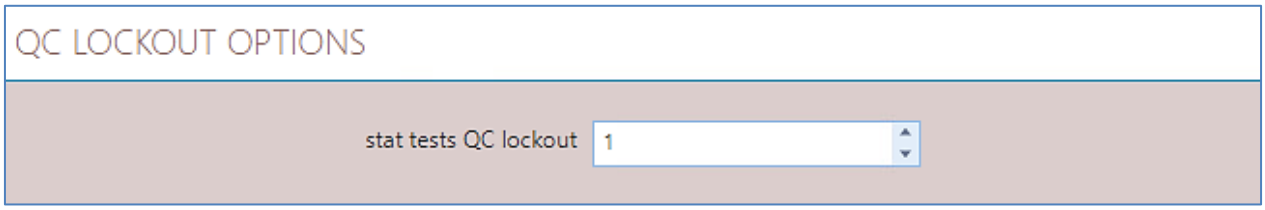
User entry	Defines the input option for the Operator ID using the keyboard and/or built-in barcode scanner. You can select both options. If no selection is made, barcode scanning will be used. ***Note***: This option corresponds to the device's **Printer and Devices > Bar Code Setup** option.
☑ Keyboard	If selected, the Operator ID can be entered using the built-in keypad. (Default)
☑ Barcode	If selected, the Operator ID can be entered using a barcode scanner. (Default) If you only select Barcode, the **Input Via Barcode Only** setting on the device will be activated. ***Note***: This option corresponds to the device's **Bar Code Mask Setup > Password Bar Code > Input Via Barcode Only** option.
Barcode mask	Defines the input mask for the Password and Operator ID barcode. ***Note***: This option corresponds to the device's **Printer and Devices > Bar Code Setup** option.

Allowed Delimiter Characters	Description
? or 1	Both Password and Operator ID fields
+	Operator ID
#	Password field
0	Fields that do not apply for Password or Operator ID
!	Allows you to define a fixed length by prefixing the barcode mask with the "!" character. It will be removed from the converted barcode mask. The **Fixed Length** option enforces that the length of the data field you select when configuring the barcode format matches exactly the length of the data field that is entered on the device.
[number]characters	Creates a shorthand barcode mask.

	The Password barcode and Operator ID barcode are shown in UniPOC in one barcode mask. The barcode length for both Password and Operator ID can be up to 13 characters. The total length of all characters cannot exceed 20, except when using the "!" character, which precedes the barcode mask. **Example** If the barcode on the ID card is **HOS0815USER1234PASSWORD**, then the barcode mask for Operator ID and Password ID is **0000++++++++########** If **USER1234PASS** is to be used as a password (instead of **PASSWORD**), with Operator ID **USER1234**, the barcode mask would look as follows: **000011111111####0000** You can also define the same barcode **000011111111####0000** in shorthand, **[4]0[8]1[4]#[4]0 (**4 zeros, 8 ones, 4 pounds, and 4 zeros) **Example** for **One-Step Authentication:** If the barcode on the ID card is **HOS01USER1234,** then the barcode mask is: **0000########** For the barcode to be accepted, all characters must be in the correct position. The characters are not stored, and the syntax of the barcode mask is not checked in UniPOC.

Table 15: User ID Options

4.15 QC Lockout Options



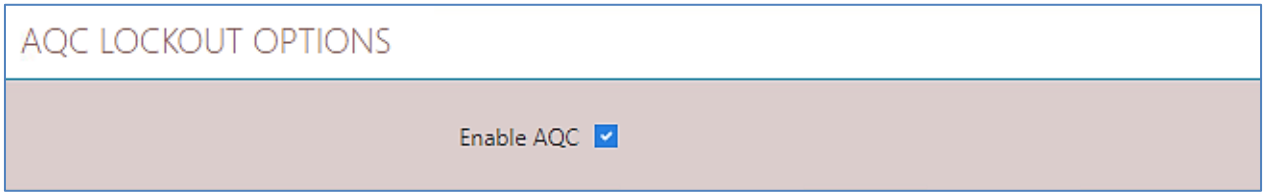
Explanation of the parameters

stat tests QC lockout	The STAT mode (**S**hort **T**urn **A**round **T**ime) allows emergency measurements and overrides different restrictions. ***Note***: This option corresponds to the device's **QC** > **QC Options** > **Allow Restore QC** option. Possible Choice: 0 (disabled) or 1 Default: 1 If this option is set to 1, an operator can perform emergency tests. That means, if a STAT test is run, QC lockout will not be considered. (Default) If this option is set to 0, the STAT mode is disabled, and no emergency tests are allowed. That means a parameter that has been missed or failed can only be restored by performing QC or by turning QC off.

Table 16: QC Lockout Options

4.16 AQC Options

This option enables the operator to customize the device to perform QC analysis automatically, without operator intervention, for specific controls at regular intervals.



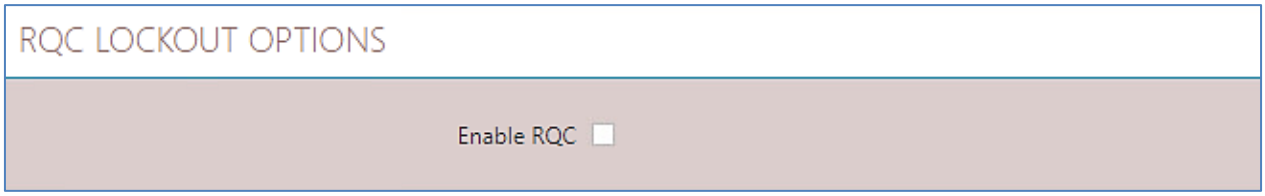
Explanation of the parameters

Enable AQC ☑	Enables or disables Automatic QC (AQC) sample analysis. ***Note***: This option corresponds to the device's **QC** > **QC Options** > **AutomaticQC** option. If selected, the device allows testing to continue even if an AQC is due or failed. If not selected, the device is locked, and no patient measurements can be performed until the appropriate AQC has been performed. ***Note***: When the "*stat tests QC lockout*" option is enabled (1), STAT tests are allowed even if the device is locked.

Table 17: AQC Options

4.17 RQC Options

This option enables the operator to customize the device to prompt operators to perform QC at regular intervals.

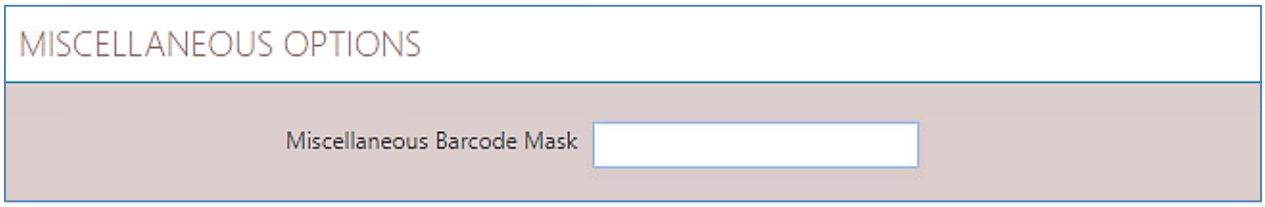


Explanation of the parameters

Enable RQC	Enables or disables Required QC (RQC) sample analysis. ***Note***: This option corresponds to the device's **QC** > **QC Options** > **RequiredQC** option. If selected, the device allows testing to continue even if a RQC is due or failed. If not selected, the device is locked, and no patient measurements can be performed until the appropriate RQC has been performed. ***Note***: When the "*stat tests QC lockout*" option is enabled (1), STAT tests are allowed even if the device is locked.

Table 18: RQC Options

4.18 Miscellaneous Options

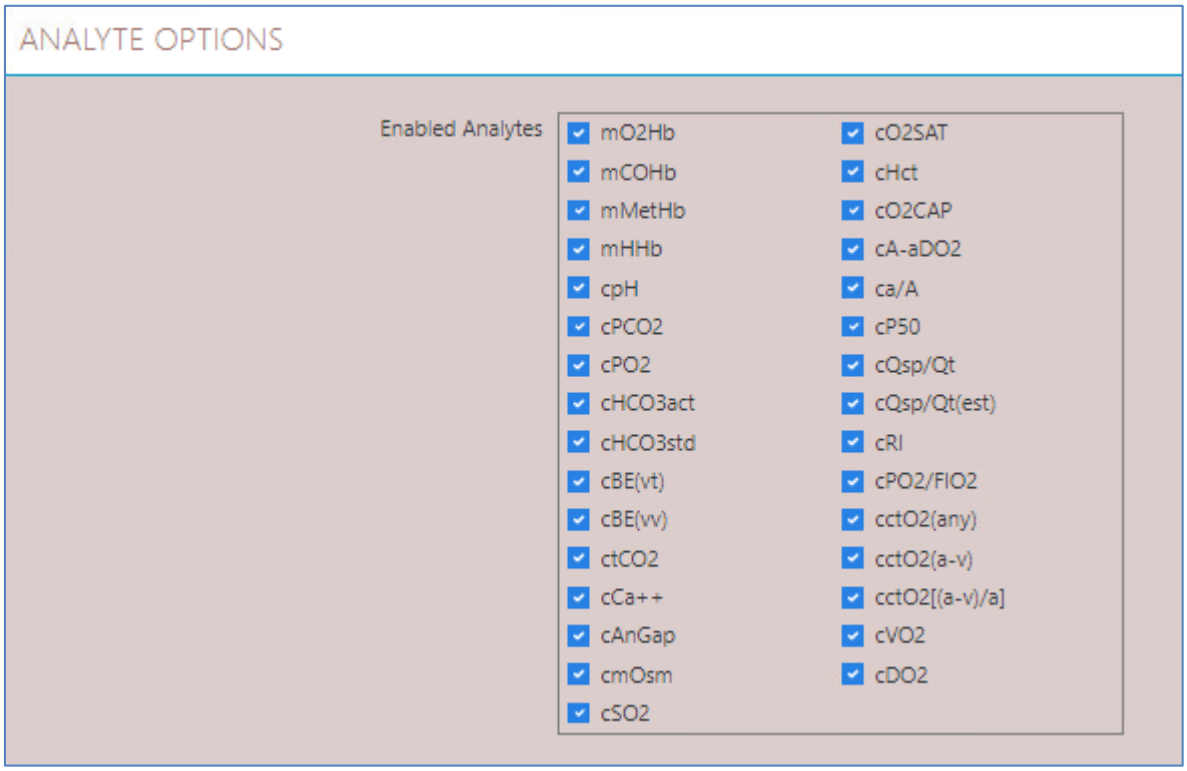


Explanation of the parameters

Miscellaneous Barcode Mask	Defines the barcode mask used for barcodes other than Patient ID and Operator ID.

Table 19: Miscellaneous Options

4.19 Analyte Options



Explanation of the parameters

Enable Analytes	Enables or disables analytes for patient measurements. ***Note***: When you turn a parameter off and then on, the sensor for that parameter is out of calibration until it passes the next scheduled calibration.

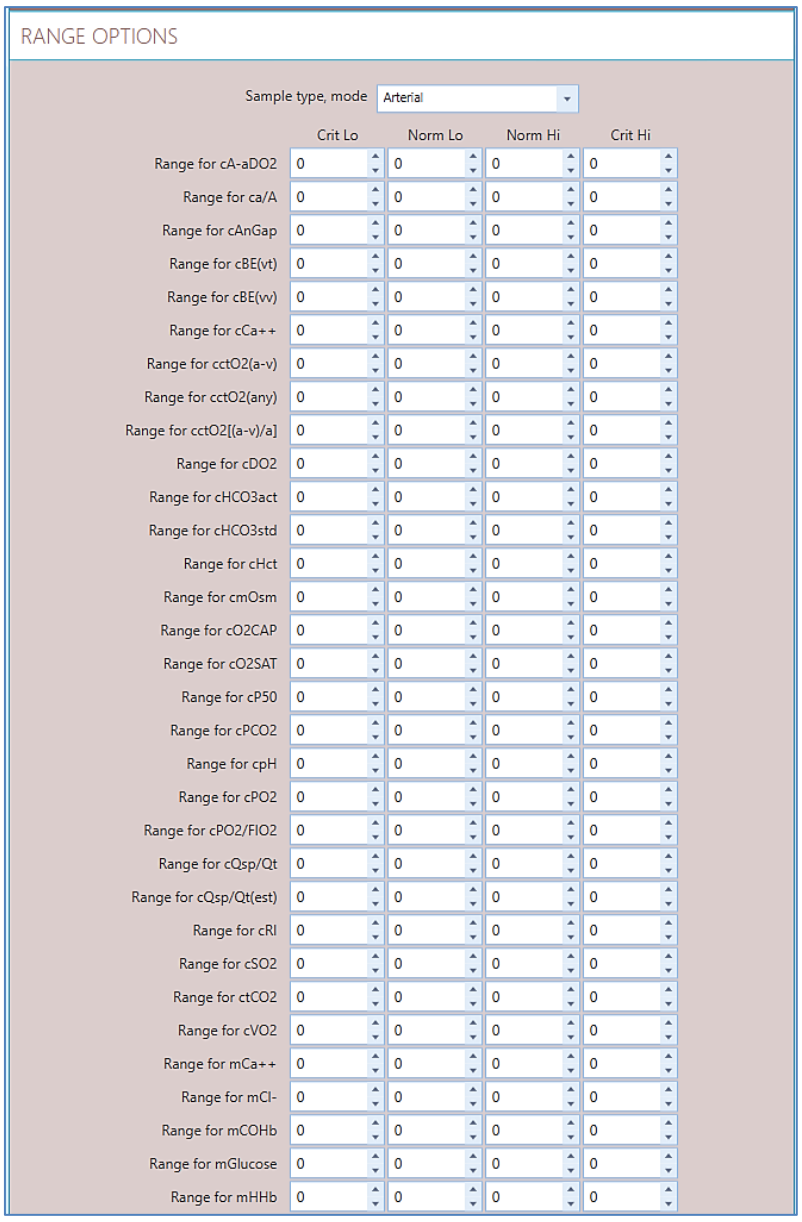
Table 20: Analyte Options

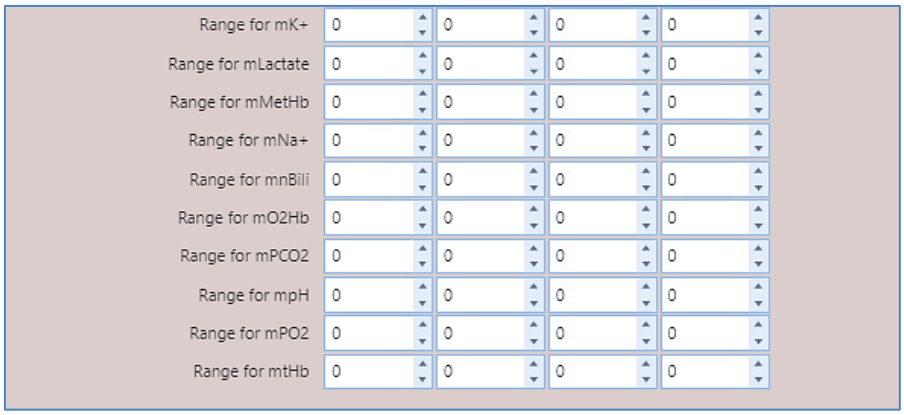
4.20 Range Options

This option is used to define patient reference ranges and critical ranges per sample type for each analyte. Furthermore, you can define the Analytical Range limits (AMR) for the parameter ranges, provided that the function is activated on the device.

Note: Range options are only supported for UniPOC 1.8 and only apply to the RAPIDPoint 500e device. Refer to the *RAPIDPoint 500 System Operator's Guide* for further information.

Important: Be sure to note the selected Tree level prior to entering ranges. You should set ranges at the Facility level so that they will cascade down to all Departments and Locations where the Parent-Child relationship has not been severed.





Explanation of the parameters

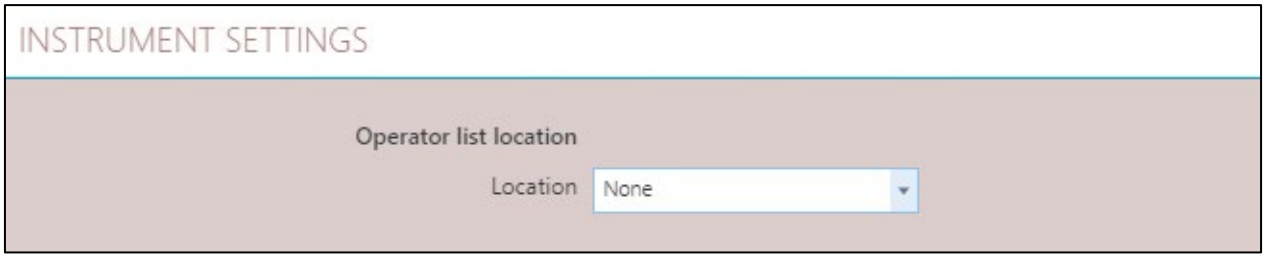
Sample Type, Mode	Select the sample type or mode that the measurement ranges are assigned to.
Arterial Capillary Venous MixedVenous Pleural AMR	Enter the measurement ranges for each sample type and analyte for Critical Ranges and for Reference Ranges (*Crit Lo*, *Norm Lo*, *Norm Hi*, *Crit Hi*). These measurement ranges are downloaded from UniPOC to the devices. ***Note***: Do not enter more decimal places of precision than the device is capable of reporting. ***Note***: This option corresponds to the device's **Sample** > **Patient Ranges** option. The AMR option is used to define the analytical measurement range (AMR) limits (*Norm Lo*, *Norm Hi*). By entering the lower and upper parameter range limits, you can qualify the patient reportable range. ***Note:*** This option corresponds to the device's **Sample** > **Analytical Ranges** option.
Crit Lo	Sets the lower critical value for the corresponding analyte and the selected sample type. Default: 0
Norm Lo	Sets the lower reference value for the corresponding analyte and the selected sample type. Default: 0
Norm Hi	Sets the upper reference value for the corresponding analyte and the selected sample type. Default: 0
Crit Hi	Sets the upper critical value for the corresponding analyte and the selected sample type. Default: 0

Table 21: Range Options

4.21 Instrument Settings

Each operator is assigned to a home Location within a Facility. Each Facility in the organization maintains a separate operator list. Instrument settings saved at the Facility level affect the Department and Location levels as well. Settings saved at the Location level affect only the selected Location.

Note: Instrument settings saved at the top level of the Tree affect all sub-levels.



Explanation of the parameters

Operator list location	Choose from four location options to download the operator list.
Location	
Facility	The operator list will be downloaded to all instruments within the Facility. The list will contain all operators certified for the device whose home location is within the Facility.
Department	The operator list will be downloaded to all instruments assigned to location within the associated Department. The list will contain all operators certified for the instrument whose home location is within the Department.
Location	The operator list will be downloaded to all instruments assigned to a location. The list will contain all operators certified for the instrument with a matching home location.
None	The operator list will not be downloaded. (Default)

Table 22: Instrument Settings

5 Performing Remote Control Functions

The RAPIDPoint 500/500e supports remote control access and commands.

Note: You must be assigned the Instrument Operations Function Permission to remotely connect to the instrument.

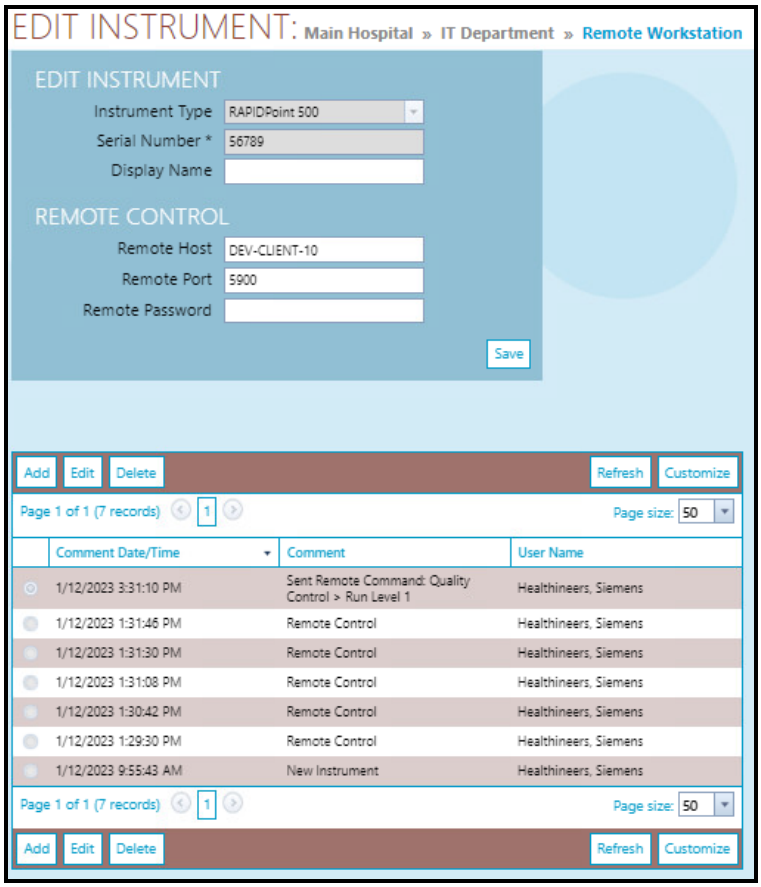
5.1 Configuring for Remote Access

You can configure remote control settings for an existing instrument (**Edit Instrument**) or when you first add the instrument (**Add Instrument**). The Remote Control settings are the same in both screens, however, the Edit Instrument screen includes a tracking log of all remote control events.

Procedure:

To configure settings for an existing instrument:

1. Right-click the instrument you want to configure in the Tree and select **Edit Instrument**. The **Edit Instrument** screen opens.



2. In the **Remote Control** section, enter the following:

    a. For **Remote Host**, enter the name or IP address of the instrument.

    b. For **Remote Port**, enter the port number for the remote connection to the instrument (i.e VNC). The default port is 5900.

c. Optionally, for **Remote Password**, enter the password set for the remote connection software (i.e., VNC). If you leave the field blank, you will be prompted for a password each time you select the Remote Control option.

d. Click **Save**.

A tracking log displays user- and system-generated comments providing an audit trail of remote control and remote access events for the instrument. You can add, edit, and delete user-generated comments.

5.2 Connecting to the Instrument

The **Remote Control** screen is used to remotely control an instrument that has been configured to allow connections.

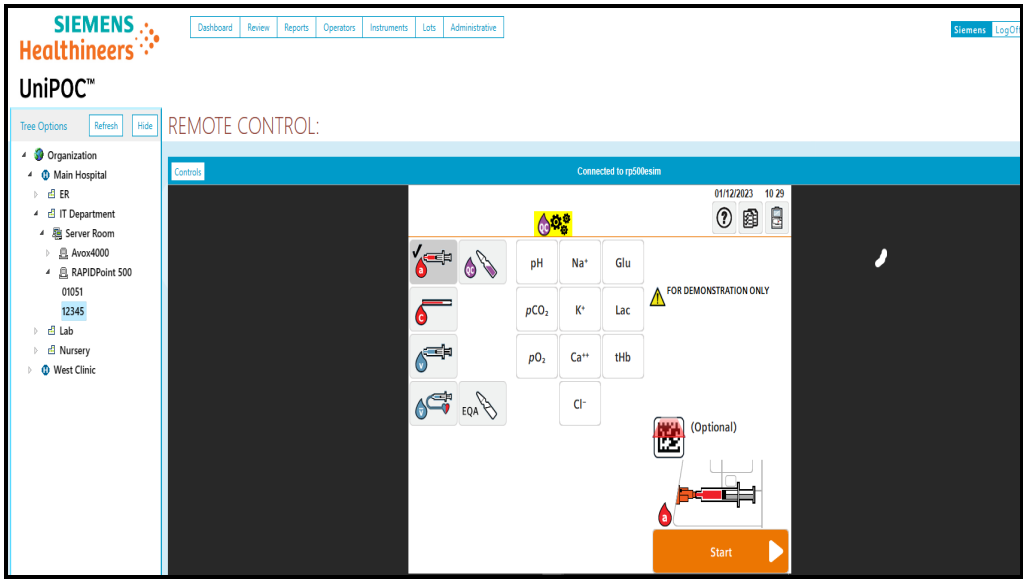
Only one active remote control session is allowed per instrument. So, if a user has an active session to an instrument and a second user attempts to access the same instrument with a remote control session, the system will block the second user.

Procedure:

1. Right-click the instrument you want to connect to in the Tree and select **Remote Control**. This option is disabled if a Remote Host was not specified during configuration.

2. Enter the remote **Password** if prompted.

   The **Remote Control** web page opens with the status of the connection to the remote instrument displayed in the blue banner at the top of the screen



3. Click the **Controls** button to view display options:

   - **Toggle Fullscreen** – Toggles the remote instrument's display area between full screen and web page format.

   - **Toggle Scaling** – Toggles the remote instrument's display area to scale to fill the entire remote screen area. In addition, the remote screen area will extend to the bottom of the web page when not in Fullscreen mode.

- **Send Esc (Escape)** – For Windows-based instruments, sends the Escape keyboard command to the remote instrument.
- **Send CTRL+ALT-Delete** – For Windows-based instruments, sends the CTRL+ALT+Delete keyboard command to the remote instrument.
- **Exit Remote Control** – Disconnects the remote session and returns you to the **Edit Instrument** screen.

5.3 Sending Remote Commands

To send remote commands, you must be assigned the Instrument Operations Function Permission.

1. Select the desired instrument in the Tree.
2. Right-click and select one of the following options:
   - **Lock** – Locks an instrument
   - **Unlock** – Resets the lock for an instrument
   - **Suppression** – Lets you select the analytes you do not want to run on the instrument
   - **Calibration** – Manually runs a 1-Point or 2-Point calibration
   - **Quality Control** – Runs an Automatic QC (AQC) measurement for Levels 1, 2, or 3

   All commands sent to the instrument are logged and can be viewed in the **Instrument Tracking Log** or on the **Edit Instrument** screen.

6 Support

Contacting Siemens Healthineers Support

Siemens Healthineers is committed to helping you resolve any problems with the UniPOC™ Point of Care Data Management System.

For assistance, contact POC Informatics Customer Service:

https://www.siemens-healthineers.com/how-can-we-help-you

UniPOC_ConfigurationGuide_RP500_EN.docx

Template Used: 99e_UniPOC_ConfigurationGuide.dotx