

Alco 60XX

Instruction for use
Datamanager Alco 60XX (V 3.10)

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Datamanager Alco 60XX

These instructions have been prepared with the utmost care. If, however, you should find details that are not consistent when handling the system, please send us a brief comment to enable us to rectify the inconsistencies.

This is subject to modifications owing to further optical or technical developments that contrast to the data and illustrations contained in these operating instructions.

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EnviteC- Wismar GmbH
a Honeywell Company
Alter Holzhafen 18
23966 Wismar, Germany

Telephone: +49 - (0) 3841-360-1
Fax: +49 - (0) 3841-360-222
E-mail: alco60xx@honeywell.com

Internet: www.envitec.com; www.alcoquant.com

CONTENTS

1	ALCO 60XX DATAMANAGER FOR PC.....	4
1.1	ESTABLISHING CONNECTION TO BREATHALYZER	4
1.2	DATA BACKUP	6
1.2.1	<i>Reading data from breathalyzer.....</i>	6
1.2.2	<i>Data backup.....</i>	7
1.2.3	<i>Statistics.....</i>	8
1.2.4	<i>Data print out.....</i>	9
1.3	DELETE DATA	12
1.4	SETTING DEVICE TIME	13
1.5	DATAMANAGER SETTINGS	14
1.5.1	<i>Settings for data display.....</i>	15

1 Alco 60XX Datamanager for PC

1.1 Establishing connection to breathalyzer

Start the PC software by double-clicking the program icon on the desktop or by clicking the "Start" button selecting Programs / Datamanager 60XX.

The following window is displayed:



Check whether the correct COM port is selected. If this is the case, click "OK".

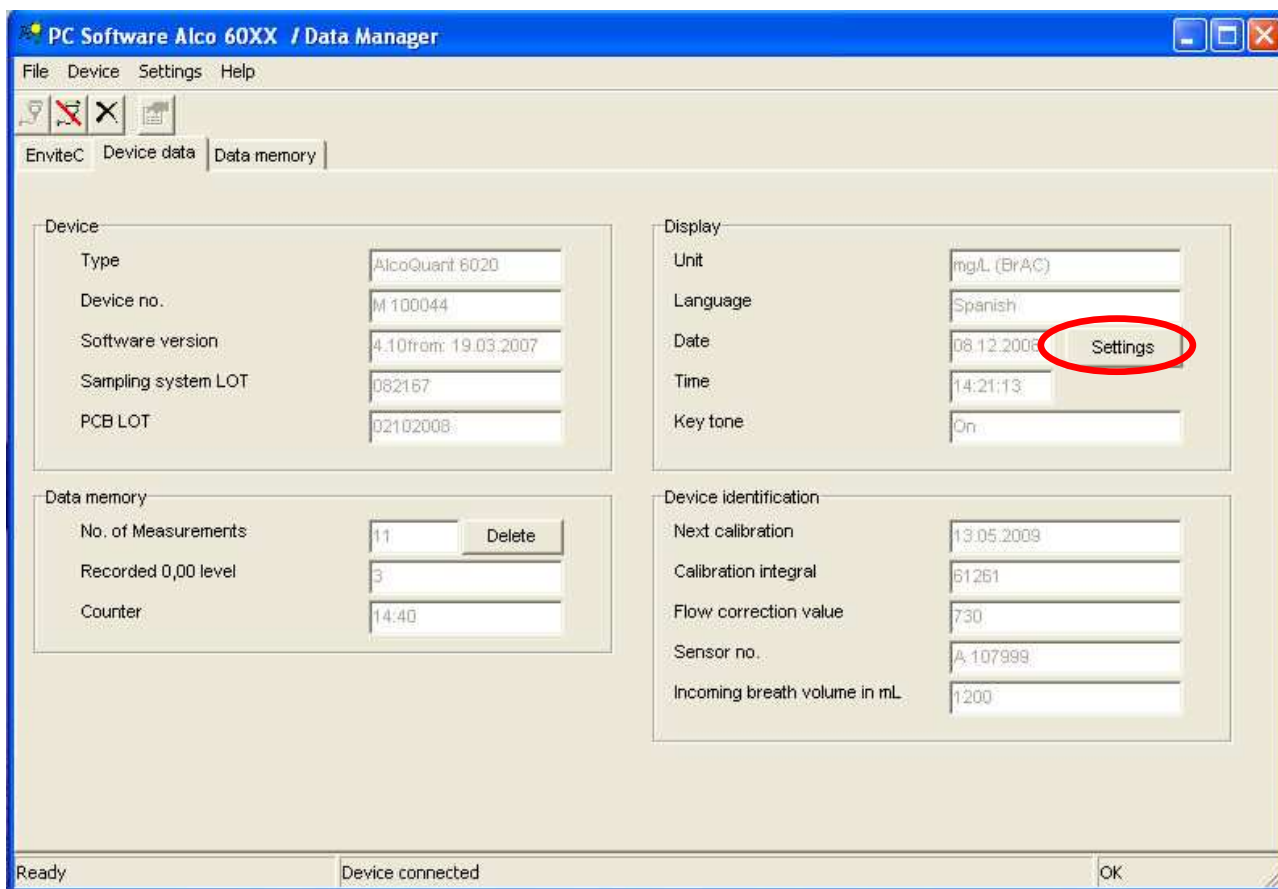
Note:

If the COM port selection is not correct, click "Cancel" and select the correct COM port in the "COM Port" submenu of the "Settings" menu.

To establish a connection to the Alco 60XX, click the respective button in the toolbar (marked in the screenshot) or select "Connect" in the "Device" menu.

Switch on the Alco 60XX connected to the PC with an RS232 cable. A message indicating that the breathalyzer has to switch on is displayed on the PC monitor.

After a connection is established, the breathalyzer display reads "PC-online", the background lighting of the display is switched off and a similar window is displayed on the PC screen:



The "Device data" tab shows all breathalyzer data and settings.

The status bar indicates the current status of the PC software (here: "Device connected").

Note:

Breathalyzer settings or values that are not within the expected range are shown in red. If these settings are device no.'s or calibration values please contact the service center.

If only the time is shown in red, it does not correspond to PC system time. You can update the device time by clicking the "Settings" button.

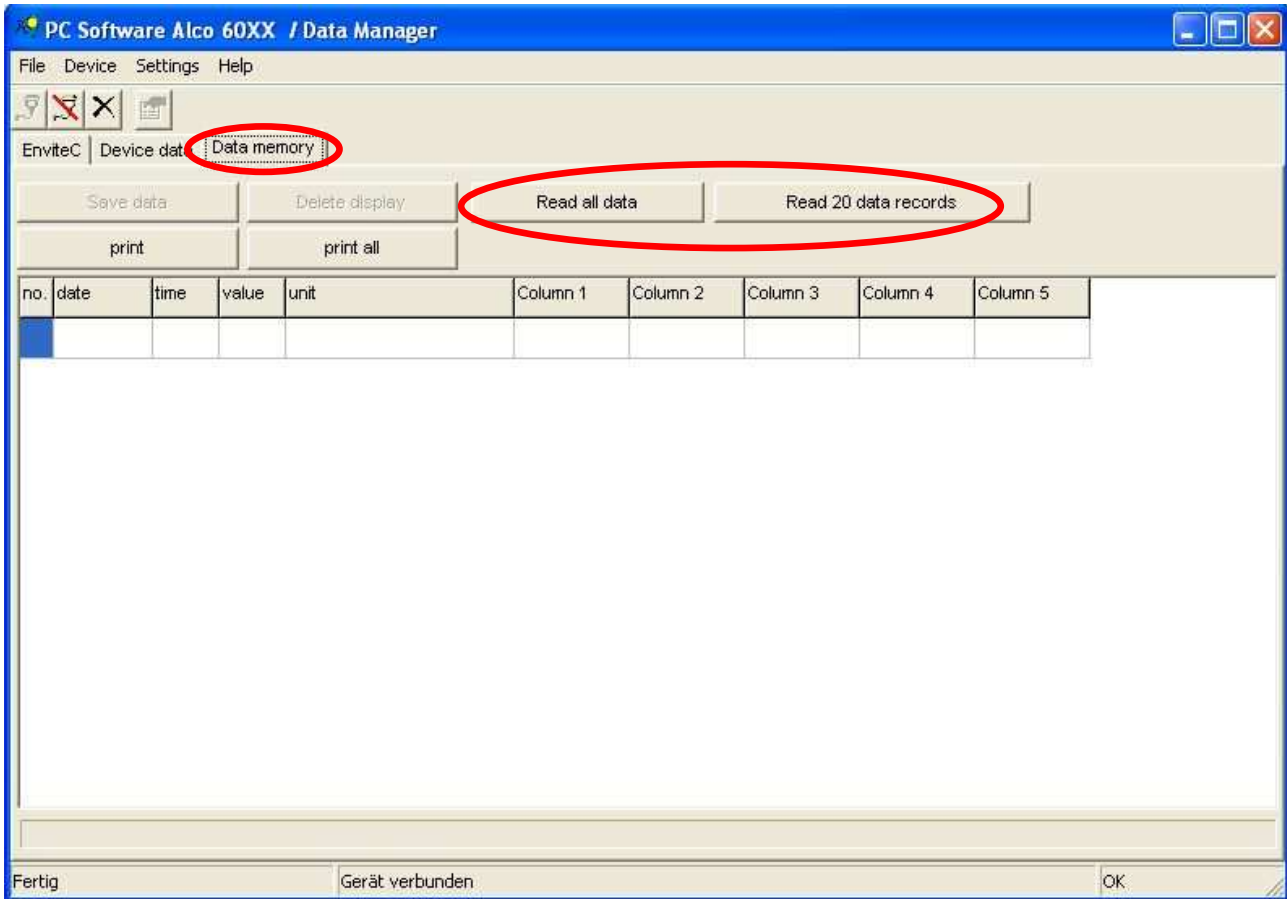
The values shown in this window cannot be edited. If you wish to make changes to settings, you need the Service-Software 6020.

1.2 Data backup

1.2.1 Reading data from breathalyzer

The PC software allows you to statistically analyse the breathalyzer measurements and to back them up.

To do this, click the "Data memory" tab. The following window is displayed:



If there are measurements stored in the breathalyzer, the two buttons "Read all data" and "Read 20 data records" are available in the top right corner.

Click "Read all data" if you wish to read all data from the breathalyzer. Depending on the amount of data, this might take only a few seconds or up to several minutes (reading of 600 measurements takes approx. 2 minutes). A progress bar is displayed.

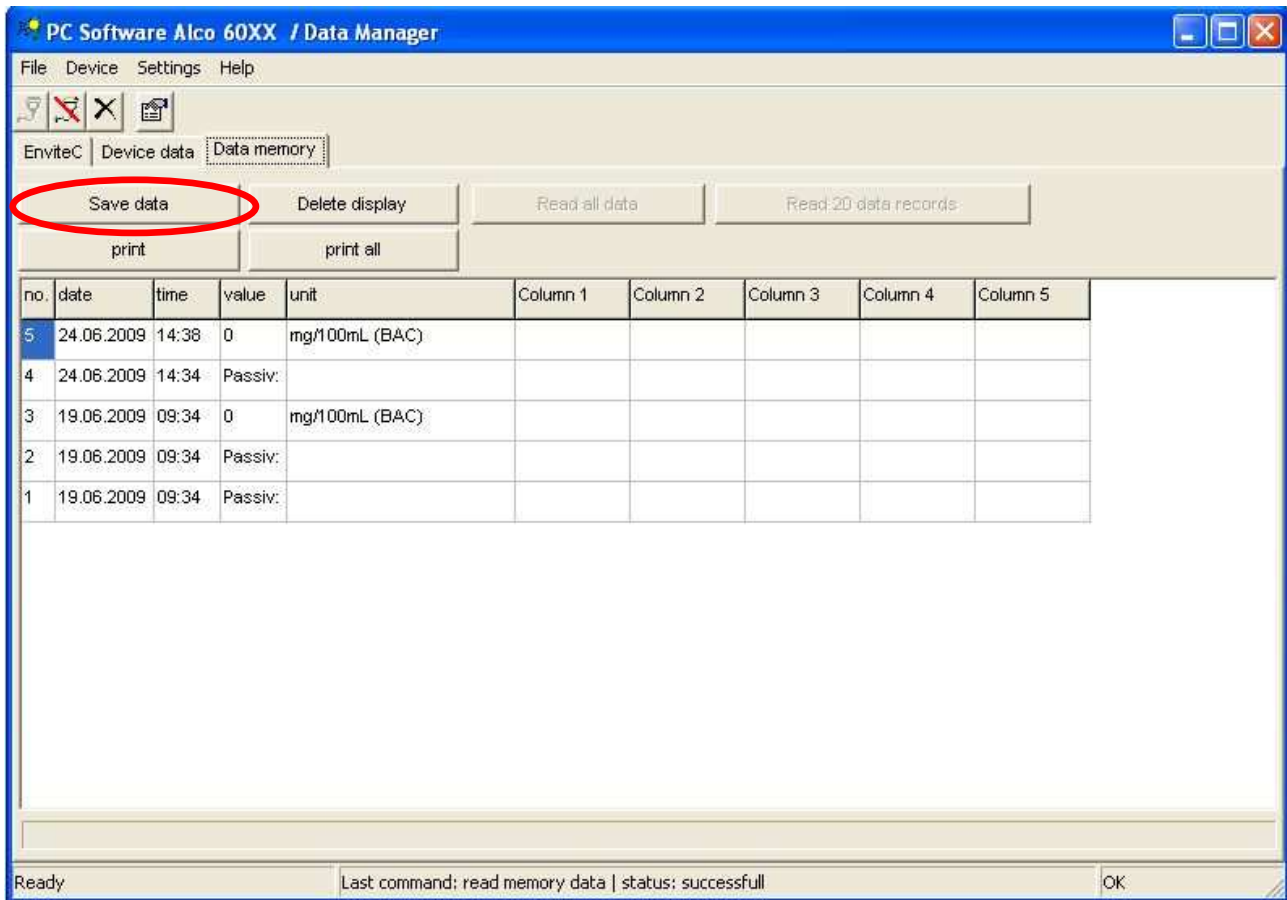
You have also the option to initially read only the last 20 measurements, and then the next 20 before that batch, etc. To do this, click "Read 20 data records".

Note:

The unit of measurement corresponds to that set at the breathalyzer.

1.2.2 Data backup

After having read the measurements from the breathalyzer, the "Data memory" tab looks like this (sample data):



To save the data, click "Save data". A dialog is displayed where you can select the folder in which the data is to be stored.

The default file name proposed by the software consists of the serial number of the device the term "Daten" and the current date (example: A100100_Daten_31_03_06.xls). You have of course the option to assign a different name to the file.

Note:

You also have the option to enter and edit text in the comment cells. The headings of the comment columns (comment 1, comment 2, etc.) can be edited in the "Data display" option of the "Settings" menu, where you can enter different labels for columns 1 to 5.

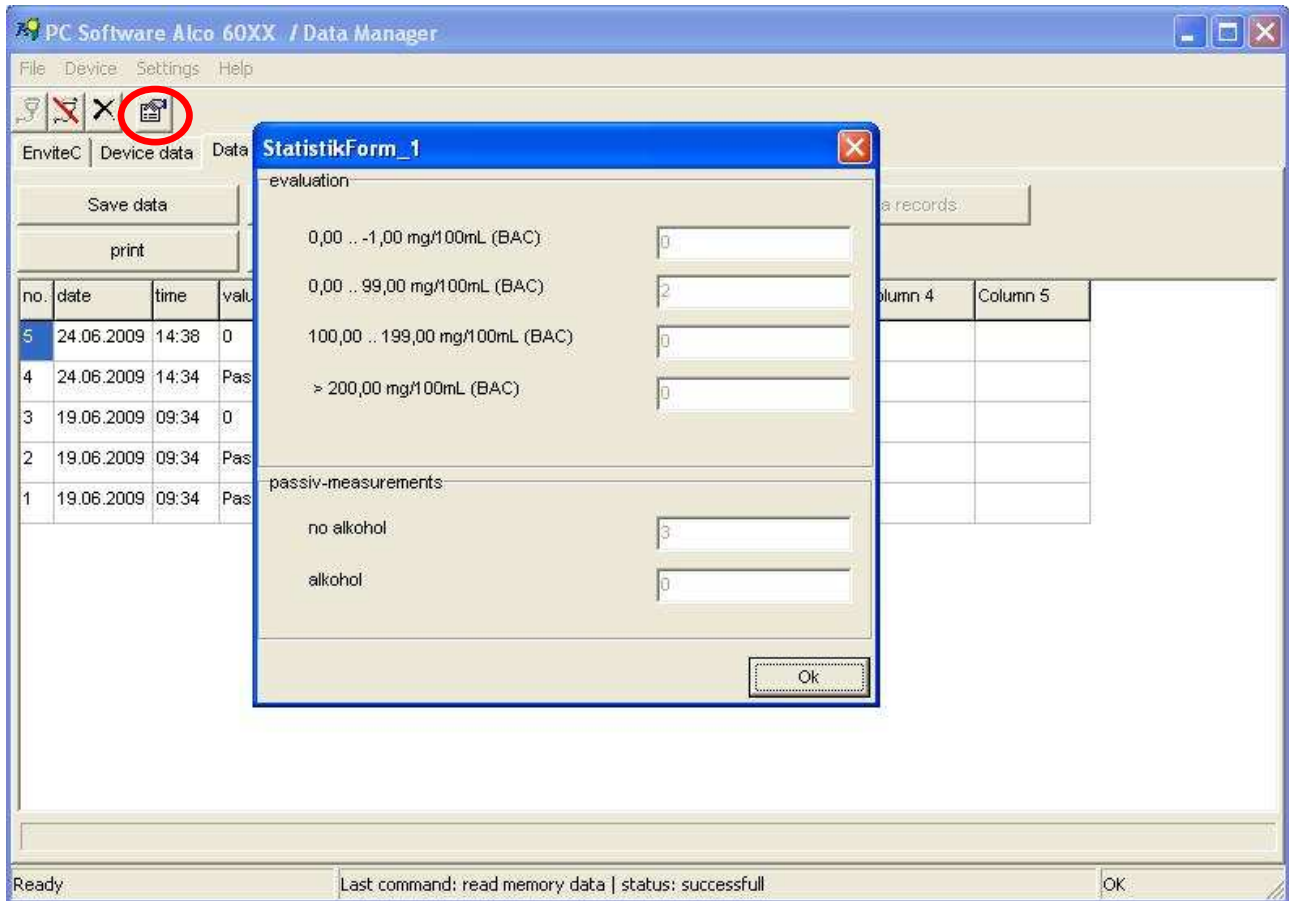
Caution!

The comments and comment headings cannot be stored in the breathalyzer. They can only be stored in the file generated with "Save data".

1.2.3 Statistics

Data that has been read from the breathalyzer can be analysed with statistical methods.

To do this, click the "Statistics" button in the toolbar.



The "statistic evaluation" window is displayed, showing the number of measurements within a specific value range. This evaluation also includes passive measurements.

To edit the limit values of the statistics select the "Select statistics" option in the "Settings" menu and enter the three desired value ranges.

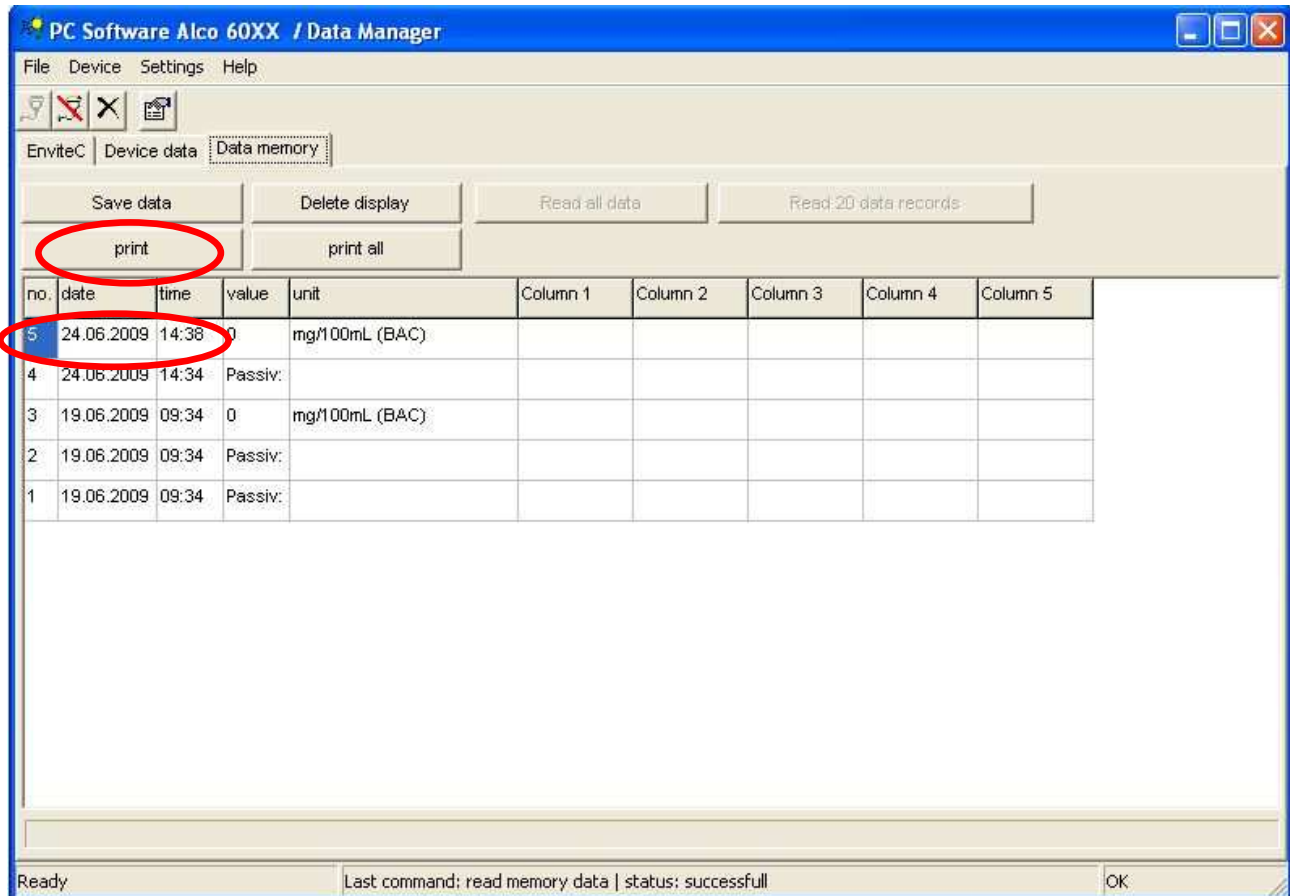
Note:

The ranges of the statistical analysis are indicated in the unit selected at the breathalyzer.

1.2.4 Data print out

After having read the measurements from the breathalyzer, there is a print out option for all or individual measurements. The PC Software will create and open a PDF-File.

To print out an individual measurement select the requested record and click the „print“ button.



To print out all records click the „print all“ button.

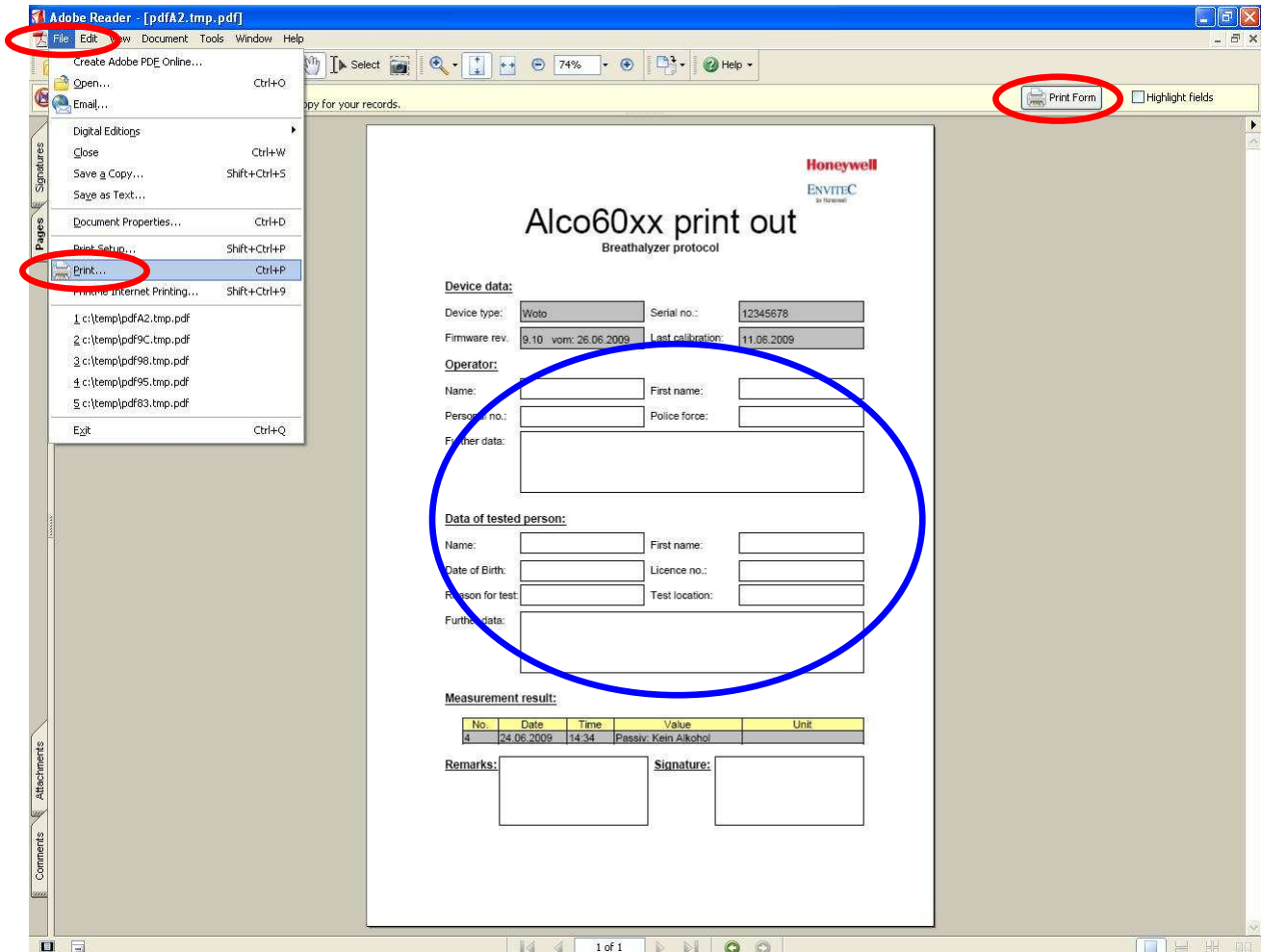
Note:

Comments in the additional columns could not be printed. They can only be stored in the file generated with "Save data".

After click the „print“ button a PDF-File will be opened. The print form for individual records contains some editable cells (blue marked) to input additional data.

Caution!

The editable cells could not be stored into the PDF-File, only the print out is possible.



This print out form is a standard and could be adjusted to customer and language requirements.

Note:

If there is no form in your language the standard in English will be used.

The print out will start after click to menu File/Print or after click to „Print Form“ button.

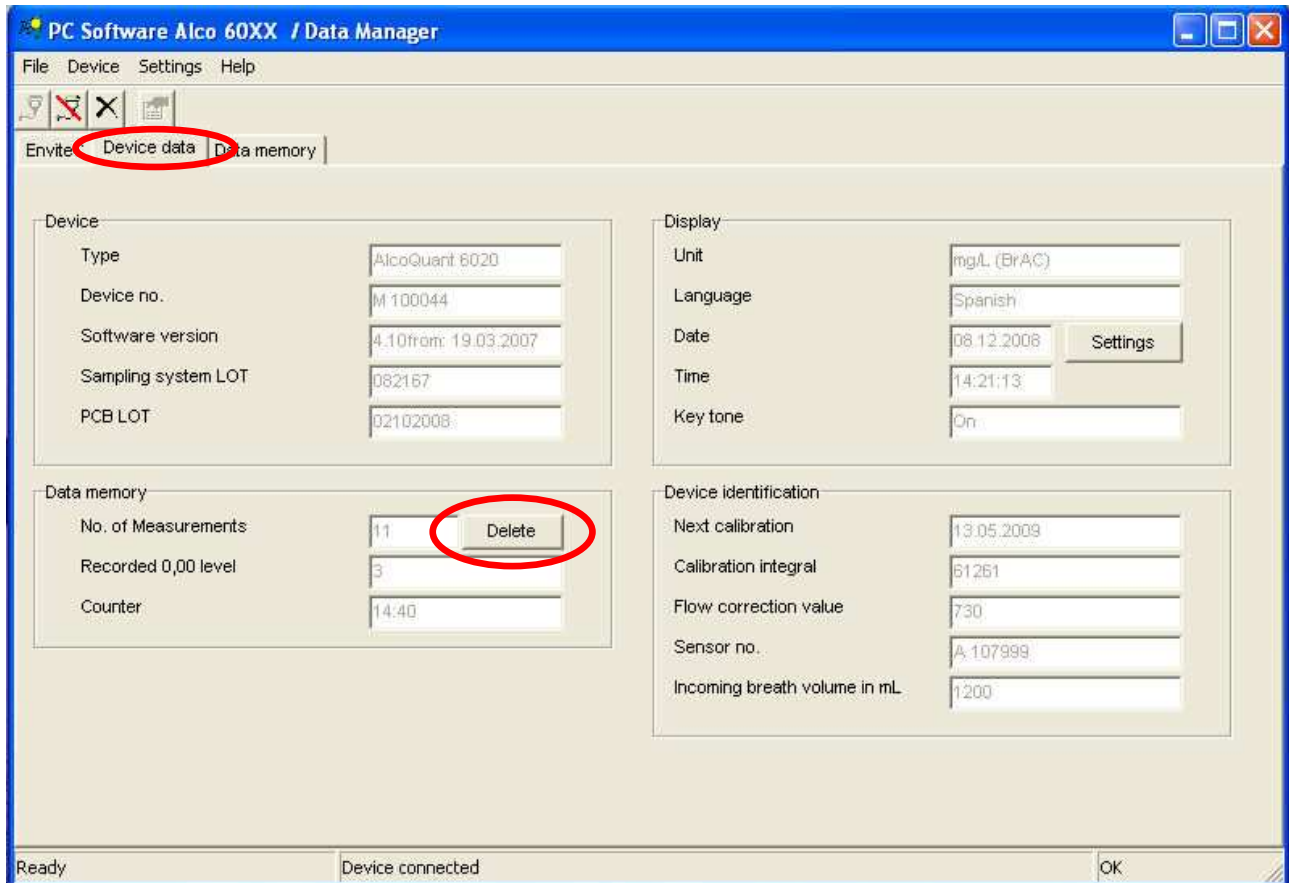
Adobe Reader - [pdfD9.tmp.pdf]



The device data on the first page and the head of the table will be displayed in the selected language of the PC-Software.

1.3 Delete data

Click the „Device data“ tab and press „Delete“, if you want to delete all records in the device memory. After pressing „Delete“ you must confirm deleting.

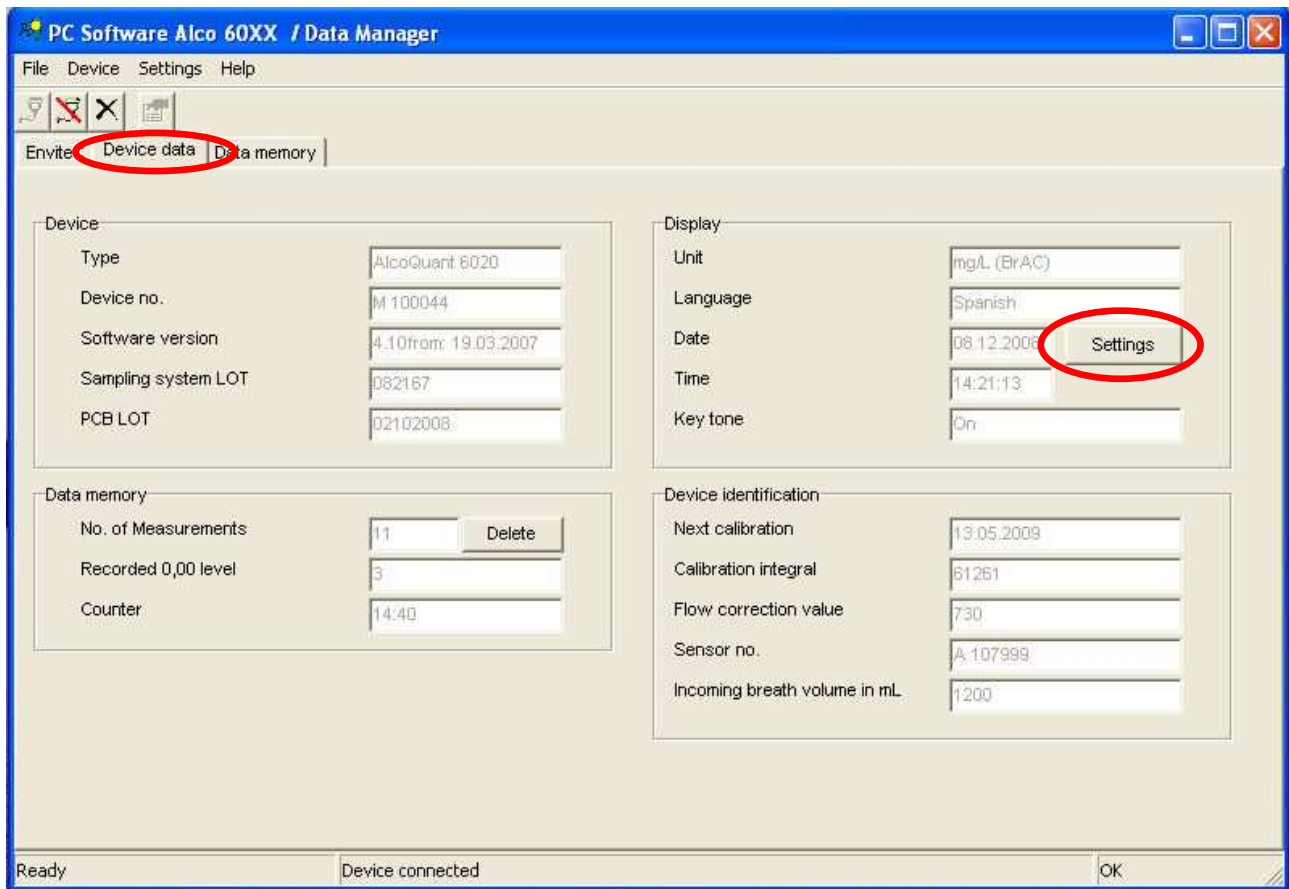


Caution!

After delete no records left in the device memory. Save records before deleting if you want to use the data records for statistics!

1.4 Setting device time

Click "Device data" tab and press „Settings" for synchronization with PC time. After click "Settings" you must confirm synchronization.



Note:

If the device time is different to the PC time the time is displayed in red.

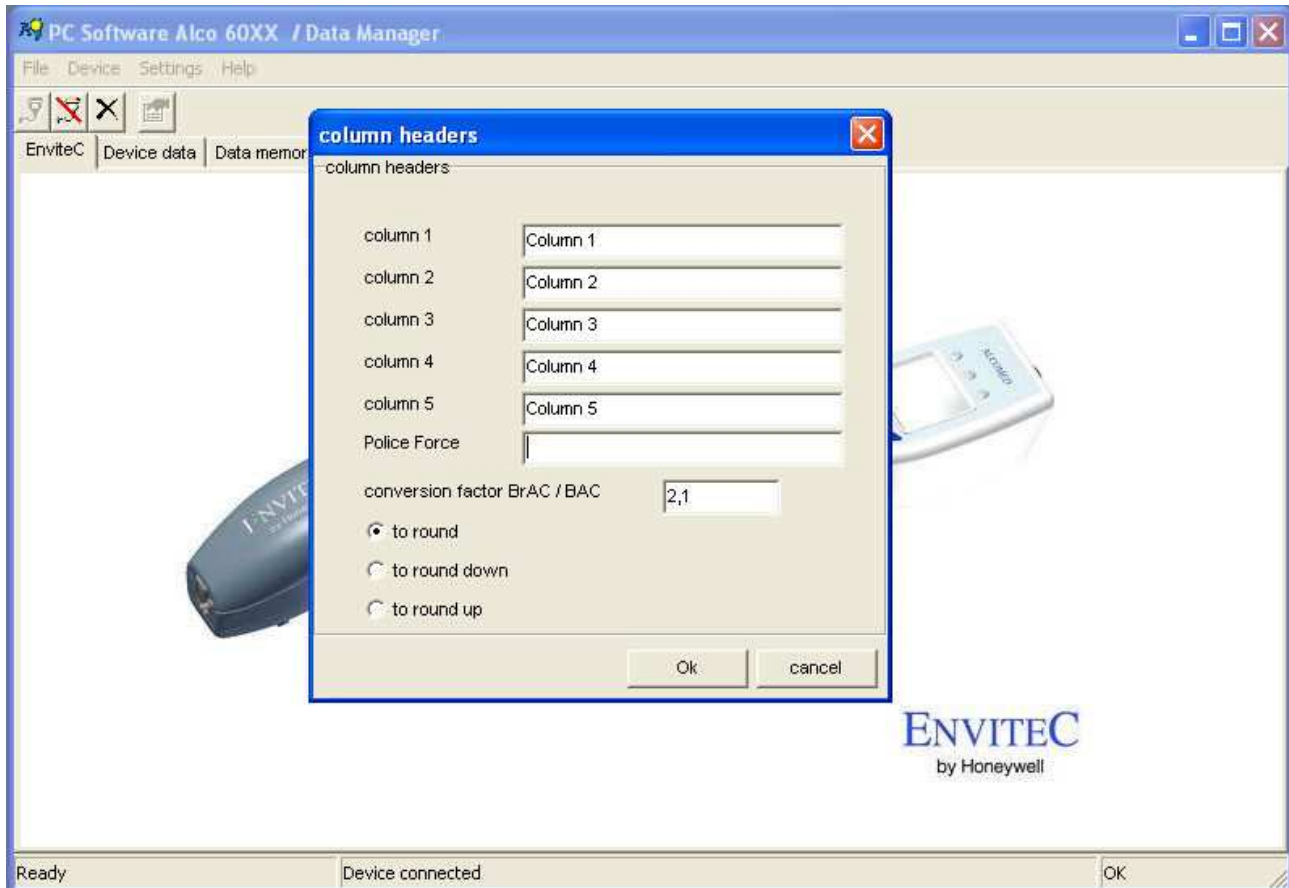
1.5 Datamanager Settings

With the menu item settings you can change the COM Port, the language, the limits for the statistics and the settings for the data display.



1.5.1 Settings for data display

In settings / data display you can change the column headers and the conversion factor of breath- (BrAC) and blood (BAC) alcohol.



Furthermore you can change the kind of rounding in the calculation BrAC / BAC (to round, to round down, to round up).

EnviteC- Wismar GmbH
a Honeywell Company
Alter Holzhafen 18
23966 Wismar
Germany

Telephone: +49 (0)3841 / 360-200
Fax: +49 (0)3841 / 360-222

<http://www.envitec.com>
<http://www.alcoquant.com>

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