

Rodatest Software Module II

Instruction Manual

Contents.

| | |
|--|-----------|
| 1. General Information and Notes. | 3 |
| 1.1 Introduction. | 3 |
| 1.2 Product Information. | 3 |
| 1.2.1 Product Name. | 3 |
| 1.2.2 Manufacturer. | 3 |
| 1.2.3 Intended use/application area. | 3 |
| 1.2.4 Scope of delivery. | 3 |
| 1.3 Warranty. | 3 |
| 2. Installation. | 4 |
| 2.1 System requirements. | 4 |
| 2.2 Hardware setup. | 4 |
| 2.3 Software installation. | 4 |
| 2.3.1 Module I. | 4 |
| 2.3.2 Module II. | 5 |
| 3. Operation. | 6 |
| 3.1 Start window. | 6 |
| 3.2 Window „Company“. | 6 |
| 3.3 Window „Test person“. | 7 |
| 3.4 Window „Test“. | 8 |
| 4. Program „Rodbext“. | 11 |
| 4.1 Functions. | 11 |
| 4.1.1 Configuration. | 11 |
| 4.1.2 GDT- Import. | 11 |
| 4.1.3 Enter/Change pass word. | 12 |
| 4.1.4 Data backup. | 13 |
| 4.1.5 Change company. | 13 |

1. General Information and Notes

1.1

Introduction.

Thank you for your confidence in our products by purchasing this Vistec product. Software products are continuously improved and developed. The illustrations in this manual may therefore differ from the delivered product.

If you have any questions or require additional information about this product, please give us a call or send us a fax or an e-mail. Our service-team will gladly assist you.

Phone: ++49/8142/44857-60

Fax: ++49/8142/44857-70

e-mail: info@vistec-ag.de

1.2

Product Information.

1.2.1

Product Name. Rodatest Software Module II

1.2.2

Manufacturer. Vistec AG
Werner-v.-Siemens-Str. 13
D-82140 Olching/Germany

1.2.3

Intended use/
application area.

Rodatest Software Module II is a database where the results from Module I can be saved. Module I is a program for computer-controlled operation of the Rodatest 300 and 302 vision screening instrument with an analysis of the test results. The Rodatest 300 and 302 vision screening instruments are predominantly used in industrial medicine, preventive medicine, ophthalmology and optometry.

1.2.4

Scope of delivery

Standard scope of delivery:
-1 CD with Rodatest Software Module I and II
-1 Instruction manual each for Rodatest Software Module I and II

1.3

Warranty.

The „General Conditions for Sale and Delivery“ of Vistec AG apply in principle.

2. Installation.

2.1

System requirements.

- Windows 98 or higher
- Intel Pentium processor or similar with at least 300 MHz
- 1 available serial interface (RS-232)
- 1 CD - drive
- at least 64 MB RAM
- at least 10 MB free storage capacity on the hard disk

2.2

Hardware setup.

- Turn off the Rodatest instrument and the computer.
- Attach the connecting cable to the interface connector of the Rodatest and to an available port on the computer.
- First turn on the Rodatest instrument and then the computer.

2.3

Software installation.

2.3.1 Module I.

If a Rodatest demo software is installed on your computer, it must be uninstalled first. Ensure that the file „Rodkey.bin“ is deleted. During the installation, this file is placed in the folder C:\Rodatest.

Perform the following steps to install the Rodatest software:

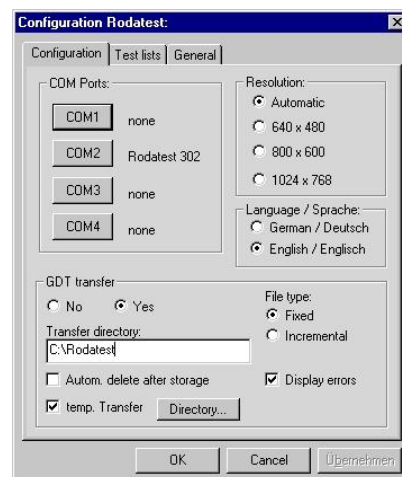
- Insert the CD-ROM in the CD-drive.
- On the Windows desktop select “Start-Run“.
- Enter the drive designation and „setup“ (e.g. d:\Rodatest\setup).
- Confirm the entry with „ok“.
- Follow the instructions on the screen.

-Second Possibility: Open the Windows Explorer and choose the CD- folder, e.g. D. Open the folder “Rodatest” and start the file “setup.exe” by double click.

-Follow the instructions on the screen.

Important!

- Click in the window “Configuration“ for GDT-Transfer „yes“ and File type “fixed”.
- Enter a transfer directory, e.g. C:\Rodatest.
- Set “Language/Sprache” to “English”.



The further possibilities for configuring Rodatest Module I you can find in the instruction manual for Module I.

2.3.2 Module II.

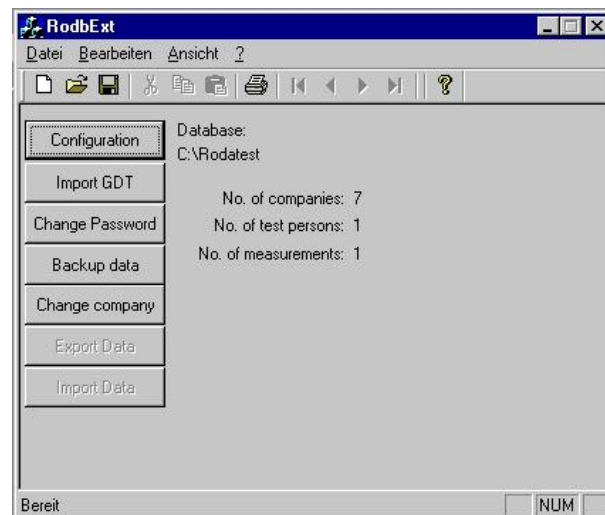
-On the Windows desktop select "Start-Run".
-Enter the drive designation and „setup“ (e.g. d:\Rodabase\setup).
Confirm the entry with „ok“.
-Follow the instructions on the screen.

-**Second Possibility:** Open the Windows Explorer and choose the CD- folder, e.g. D.
Open the folder "Rodatest" and start the file "setup.exe" by double click.
-Follow the instructions on the screen.

-At the end of the installation the start window appears. Confirm with „OK“.



-Now the program Rodbext opens. Here you can change settings:



Configuration.

Click „Configuration“ to choose the directory, where the database should be created.

Important!

The directory has to be the same as the chosen transfer directory in Module I in „Configuration“.

Pass word

Click on „Change pass word“ to enter a pass word for the access to Rodabase and Rodbext.

Important!

If you forget the here entered pass word you will loose access to Rodabase.

All settings in the program „Rodbext“ can be changed anytime. For help please look up chapter 4.1 Rodbext.

3. Operation.

3.1

Start window.

Start Rodabase by choosing on the desktop "Start- programs- Rodabase". You will open the following window:

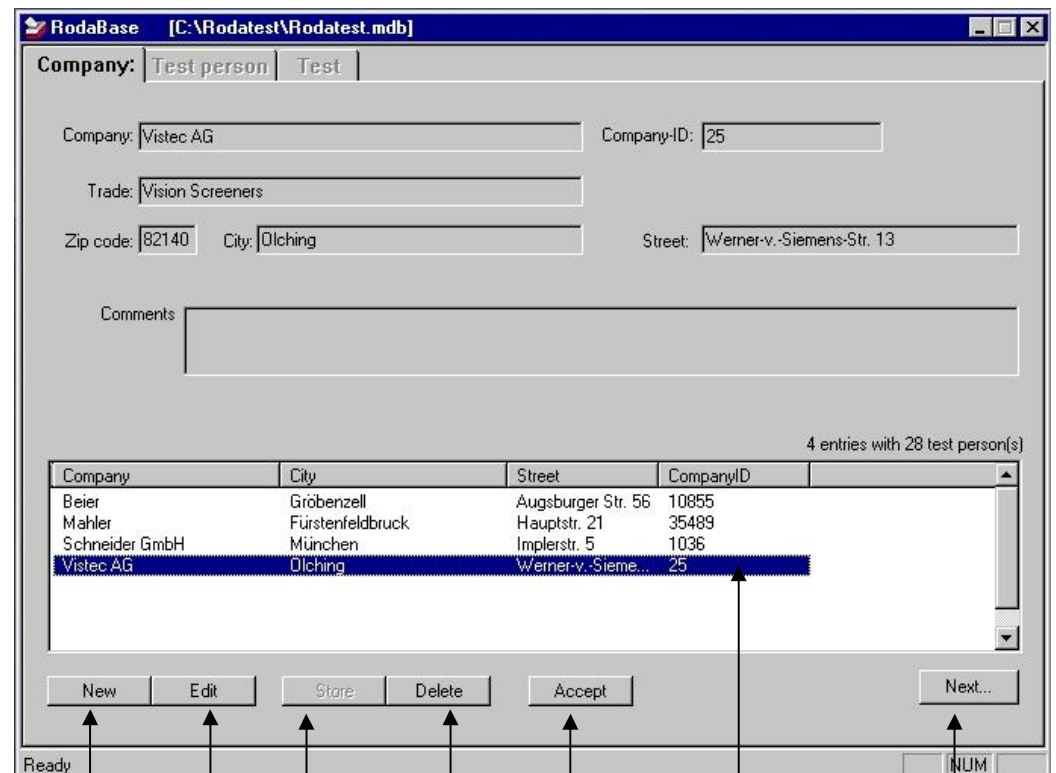


If you have given a pass word, please enter it. Otherwise confirm with „OK“. How to give a pass word is explained in chapter 4. Rodbext.

3.2

Window „Company“.

In this window you can put in new companies and change or delete saved company data. Here you also choose and accept a company to assign new test persons to it.



Put in new company

Edit already saved company

Save data

Delete marked company

Accept marked company

Choose company

Switch to index card „Test person“

3.3 Window „Test person“

New

Here you can put in new companies. In case you do not need this option, please enter your own address or the address of your practice, because at least one company/name is required. Therefore an input in the field “company” is enough.

Choose and accept

By double clicking you choose and accept an already saved company. A second possibility is to click once on the company name and then click „Accept“.

Change

Choose the appropriate entry by double clicking and then click on „Change“. Do the desired changes and save them.

Store

Click on „Store“ to save new or changed data.

Delete

Choose the appropriate entry by double clicking and then click „Delete“. A chosen company entry cannot be deleted as long as it contains data of test persons.

Next

Switching to index card „Test person“ with the button „next“ requires an accepted company (see “choose and accept”).

The screenshot shows the RodaBase application window with the title bar [C:\Rodatest\Rodatest.mdb]. The main window is titled 'Company: Test person' and contains a form for entering data for a test person. The form includes fields for Company (Vistec AG), Company-ID (25), Pers.-ID (3256), Name (Mustermann), First name (Manfred), Date of Birth (18.06.1963), Street (Marienweg 9), Zip (82114), and City (Fuchheim). There are also fields for Health insur., Working area, and Job description. The Sex is set to 'm' (male) and Higher demand is unchecked. A search field contains 'mu' and shows 15 entries with 156 test(s).

| Name | First Name | Street | Zip code | City | No.Meas. |
|------------|------------|----------------|----------|------------------|----------|
| Meier | Kunigunde | Bachweg 4 | 81166 | Maisach | 3 |
| Meinhard | Ludwig | Fürstenstr. 13 | 82140 | Dlching | 4 |
| Mustermann | Manfred | Marienweg 9 | 82114 | Fuchheim | 8 |
| Myer | Rachel | ABC-Str. 3 | 82100 | München | 4 |
| Schwab | Sigrid | Blütenweg 8 | 82831 | Fürstenfeldbruck | 0 |
| Silbermann | Sven | Am Park 23 | 82258 | Emmering | 0 |
| Test | Mirko | | | | 1 |

At the bottom of the window are buttons: New, Edit, Store, Delete, Accept, and Next... The status bar shows 'Ready' and 'NUM'.

Arrows from the buttons point to the following text:

- New: Put in new test person
- Edit: Change already saved test person data
- Store: Save data
- Delete: Delete marked test person
- Accept: Accept marked test person
- Next...: Switch to index card „Test“

The button functions in the index card „Test person“ are analogue to the button functions of index card “Company” .

3.4. Window „Test“.

The screenshot shows the 'Test' window in RodaBase. At the top, it displays company and patient information: Company: Vistec AG, Pers.-ID: 3256, Name: Mustermann, First name: Manfred, Date of Birth: 18.06.1963, Street: Marienweg 9, Zip: 82114, City: Puchheim. Below this is a 'Test:' section with radio buttons for various tests: VDU Test (selected), Driver Test2, EN473/EM1, Periph. Test, Contrast2, All, Driver 1 Numbers, Driver Test1, Pilot, Hyperopia, Contrast1, Contrast SCR, VDU Numbers, and User1. A table shows '3 result(s)' with columns for Date and Test. The selected row is '28.06.2005 12:38 VDU Test'. To the right, the 'VDU Test' results are displayed, including visual acuity at 6.00 m, 0.55 m, and 0.40 m for Right (R) and Left (L) eyes, and Binocular (B) vision. Other fields include Glasses (no), Phoria (Yes), Stereopsis (Yes), Contrast, Contrast Glare, Hyperopia, Color vision (Yes), Vis.F periph. (Yes), Vis.F centr. (Yes), Ishihara, Akkommodation, and a Comments field. At the bottom, there are buttons for Print, Delete, Edit, and Store. A 'New Measurement' section has a 'First measurement' checkbox and a 'Rodatest' button. The status bar shows 'Ready' and 'NUM'.

Arrows from the text below point to the following elements in the screenshot:

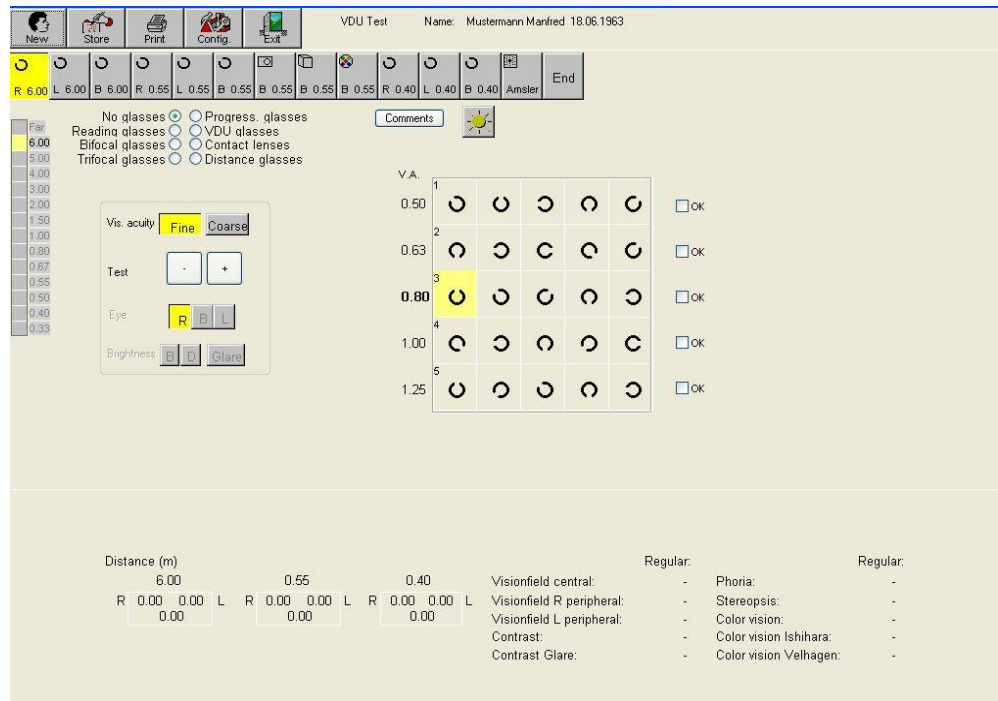
- Choose new examination: Points to the 'VDU Test' radio button in the 'Test:' section.
- Start chosen examination: Points to the 'Rodatest' button in the 'New Measurement' section.
- Choose made examination: Points to the 'VDU Test' entry in the table.
- Print chosen examination: Points to the 'Print' button.
- Delete chosen examination: Points to the 'Delete' button.
- Add comments: Points to the 'Edit' button.
- Save comments: Points to the 'Store' button.

Choose new test

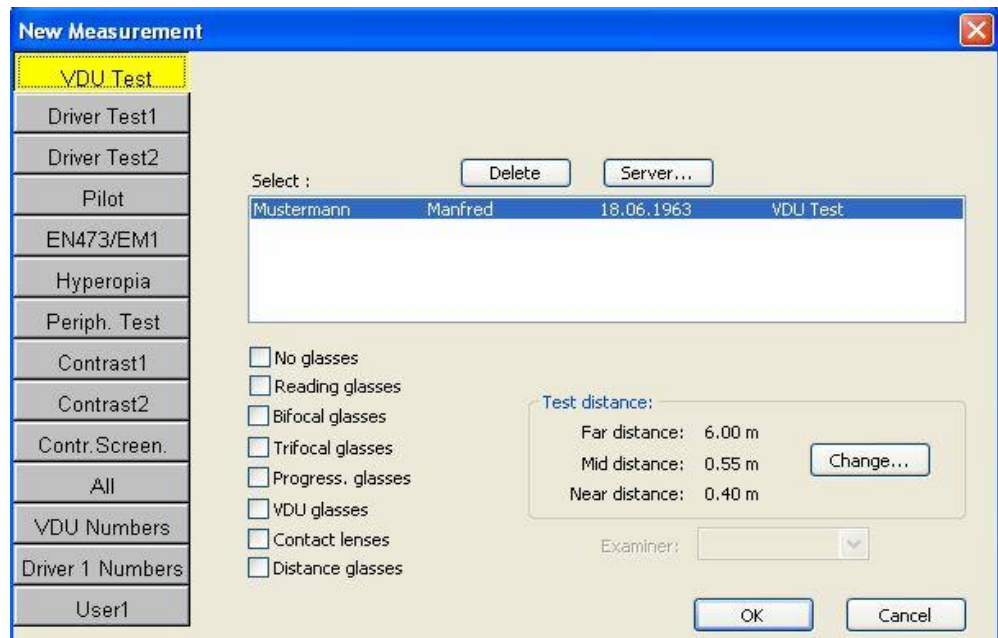
Click the required test, e.g. “Driver test 1”. The examination “VDU” is pre-selected.

Start chosen test

Click on „Rodatest“, to start the measuring program Rodatest Module I .
The following window opens:



If you have already examined a test person without closing the Rodatest window, the following window will appear:



You can also get to this window by clicking „new“ in the main menu of Rodatest Module I.

Here you can also change test distances or choose another test.

Save test data

By clicking „Store“ the data is transferred from Rodatest Module I to Rodabase. Change to the window Rodabase, to look at the result in Rodabase (see figure on page 8).

Choose made test

Click on the appropriate test to show the saved results (see figure on page 8).

Print chosen test

Click on „Print“ to print the chosen examination.

Delete chosen test

Click on „Delete“ to delete a chosen test.

Add a comment

You can add a comment to an already saved examination. Click on “Edit” and add the text in the designated field.

Save comment

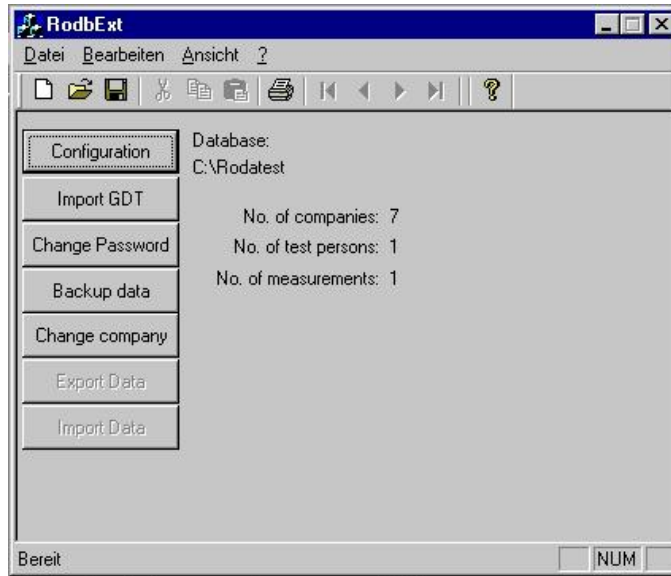
Click „Store“ to safe the comment.

4. Program „Rodbext“.

4.1 Functions.

At the installation the program „Rodbext“ is stored to the chosen directory (e.g. C:\Rodatest). It contains some more functions, for example a data import function. These functions are needed rarely in normal use.

Open the Windows explorer and the directory C:\Rodatest. Start the program by double clicking on „Rodbext.exe“.



4.1.1 Configuration.

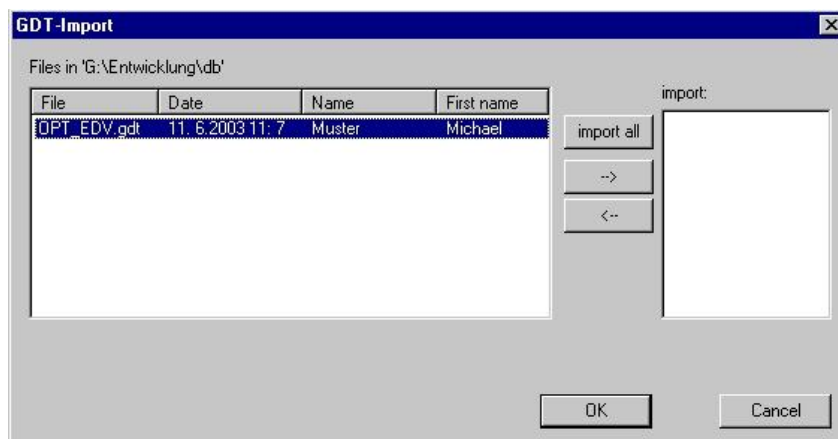
Here you put in the directory where the database should be saved.

Important!

The directory has to be the same as the chosen transfer directory in Module I in „Configuration“.

4.1.2 GDT-Import.


With the Button „Import- GDT“ you can transfer existing GDT-files into the database. The following window opens:



Choose the files you wish to import by mouse click. Then click to the arrow –button pointing to the right.

Click on „import all“ if you wish to import all files in the directory. Confirm your selection with “OK”.

The following window opens:



Address: [X]

File: G:\Entwicklung\db\NPT_EDV.gdt

Companies:

| Company | City | Street | CompanyID | No |
|----------------|-------|-------------------|-----------------|----|
| Beier | 82142 | Grobenzell | Augsburger ... | 4 |
| Mahler | 83856 | Fürstenfeldbru... | Hauptstr. 21 | 3 |
| Schneider GmbH | 80336 | München | Implerstr. 5 | 2 |
| Vistec AG | 82140 | Dlching | Werner-v.-St... | 1 |

Name: First name:

Pers.ID: DOB: Date of Meas.:

Select the company where you wish to save the test person by clicking on the company. Confirm your selection with "OK":

In case the test person already exists, the following window opens:



Rodabase [X]

'Auermann Silvio, ID:, GebD:' exists already

Insert test for 'Auermann Silvio, ID:18125, DoB:19.03.1967' into existing person record or create a new person record ?

Make your choice.

4.1.3 Enter/Change password

Click on „Change pass word“ to enter or change a pass word for the access to Rodabase and Rodbext. If you enter a pass word for the first time, put an entry only to "New password" and confirm with "Ok".



Change Password: [X]

Warning:

If you change a password and you forget it,
you may loose access to the database.

Old Password:

New Password:

4.1.4

Data backup.

By clicking on this button you save your data in database Rodabase. In the transfer directory a file „backup.mdb“ is created.

In case the original data base „rodabase.mdb“ is damaged, please re-name the file „backup.mdb“ into „rodabase.mdb“. Now you have access to the data existing at the moment of the last back up.

Important!

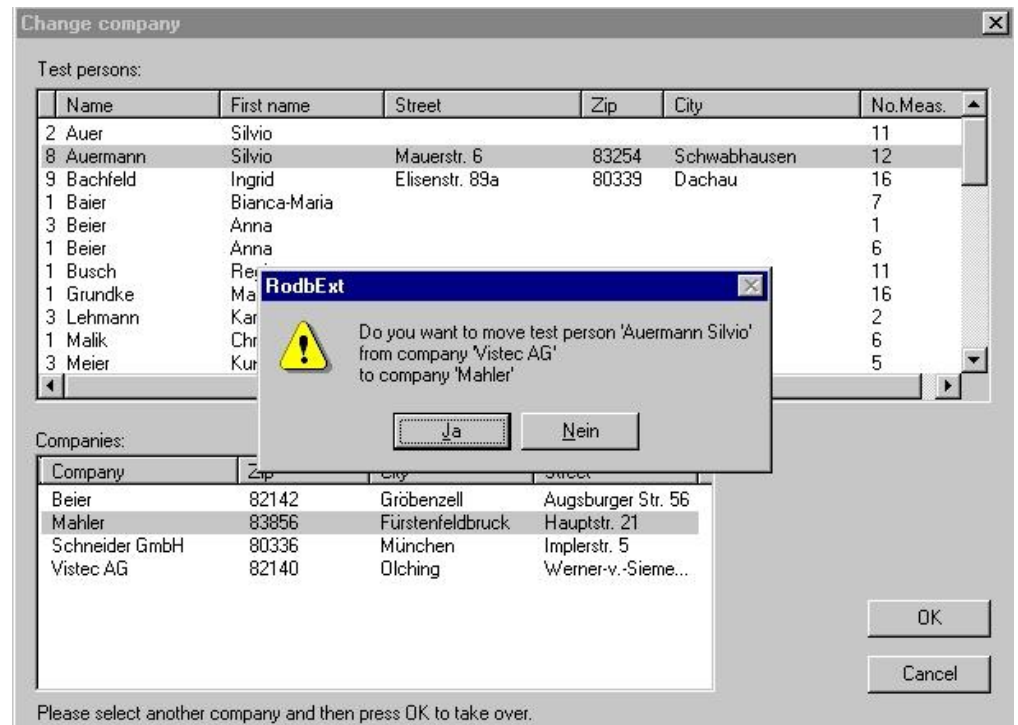
Please save your data regularly, for example once a week.

4.1.5

Change company.

Here you can change the company, in case you have saved a test person to a wrong company.

The test persons are displayed in alphabetic order. Choose the test person you wish to put to another company by clicking. Then click on the company and confirm with “OK”.





Vistec AG
Vision Technologies
Werner-v.-Siemens-Str. 13
D-82140 Olching/Germany
Phone: ++49/8142/44857-60
Fax: ++49/8142/44857-70
Email: info@vistec-ag.de
Internet: www.vistec-ag.de

06/05