

Manual DP3 Report

1. Conditions

- ecom-DP3
- PC with card reader and operation system Win2000 and higher
- SD card or MM card from ecom
- Card size: min. 32 MB - max. 2 GB
- Card formatted on 16 bit FAT

2. Install software

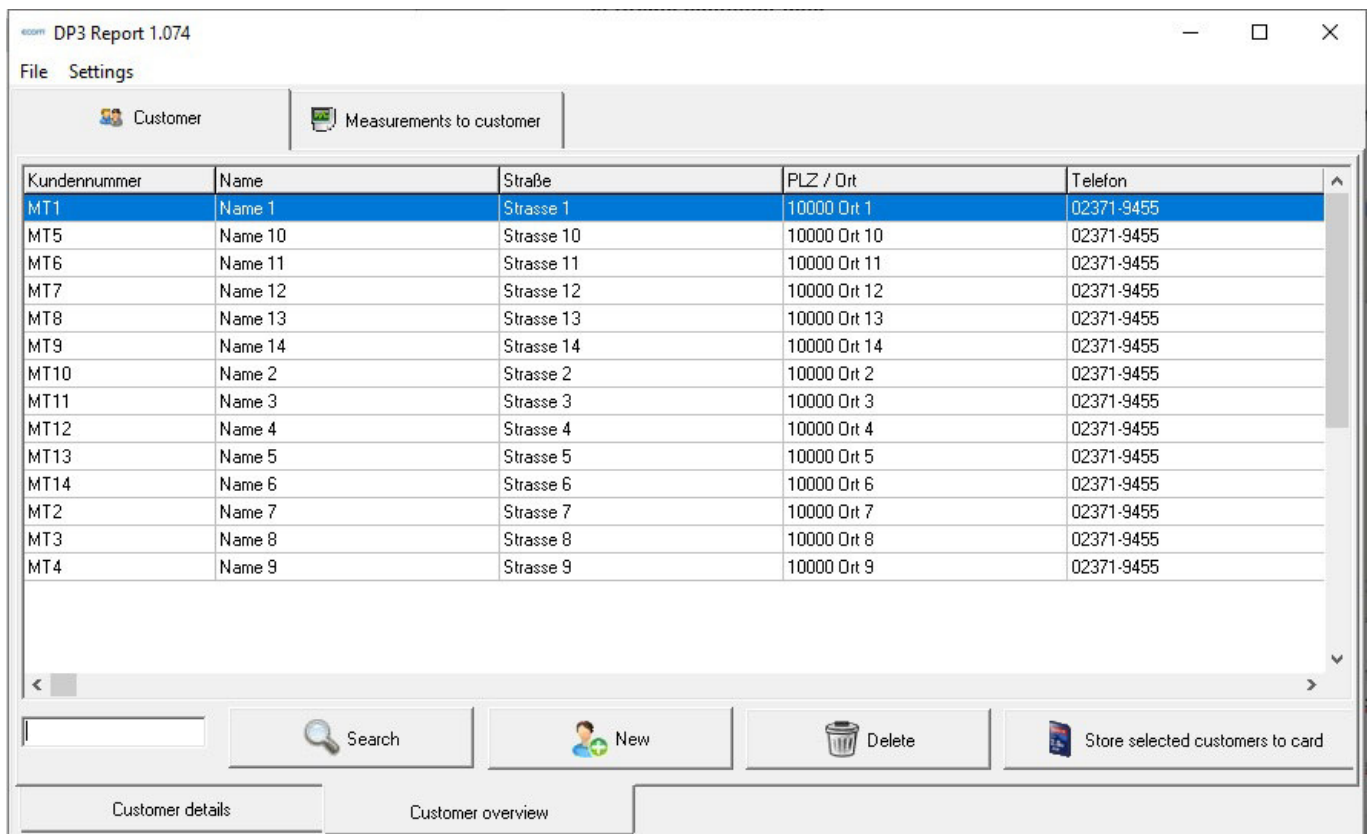
- Install software from product USB stick
- Download software from www.ecom.de and install.

Please notice that:

- depending on the operating system you have to be logged on as an administrator
- depending on the operating system you have to unpack the installation files (zip program) before installation

3. Start software

- Start by calling up „Start“ / „Program >“ / „DP3 Report“



4. Parameters

- Select „Settings“ / „Program“

Select card reader drive

Protocol display on/off

Take over settings

Adjustments

Programme Printout company data Database

Card drive for data exchange with DP3 :

G: (FAT, 1882 MB free.)

No display of import/export protocols

Apply changes

Enter company data for forms

Select company logo for forms (160 x 50 Pixel)

Take over settings

Adjustments

Programme Printout company data Database

Company name : rbr Messtechnik GmbH

Address : Am Grossen Teich 2

ZIP City : 58640 Iserlohn

E-Mail : info@rbr.de

Phone : Telefon 02371-9455

Fax : Telefax 02371-40305

Select logo file...

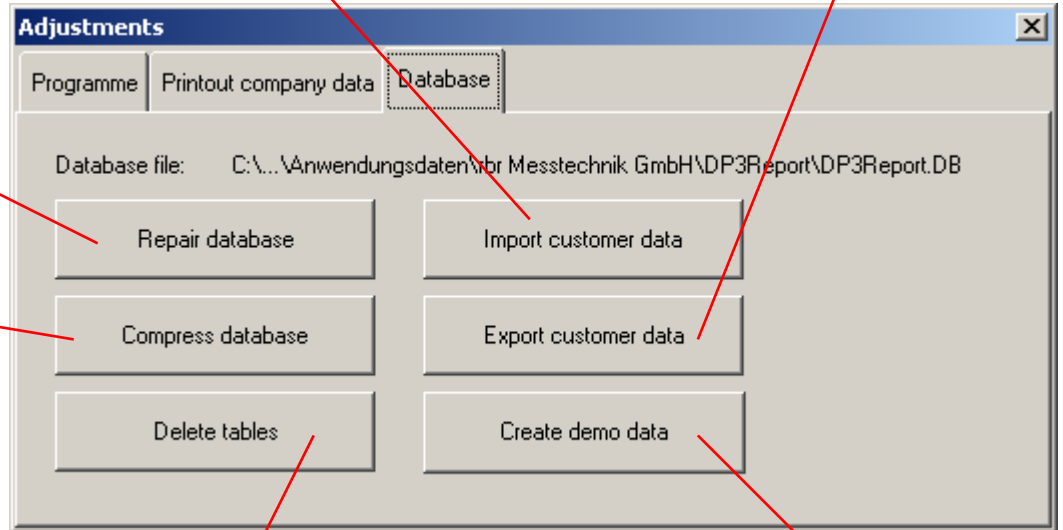
Apply changes

Import customer data in the format:
**Customer number;Name;Street;ZIP/City;
Phone;Others<CR/LF>**

Export customer data:
**Customer number;Name;Street;ZIP/City;
Phone;Others<CR/LF>**
as csv file

Try to correct errors in the database

Storage of the data gets minimized



Caution: all data removed from the database

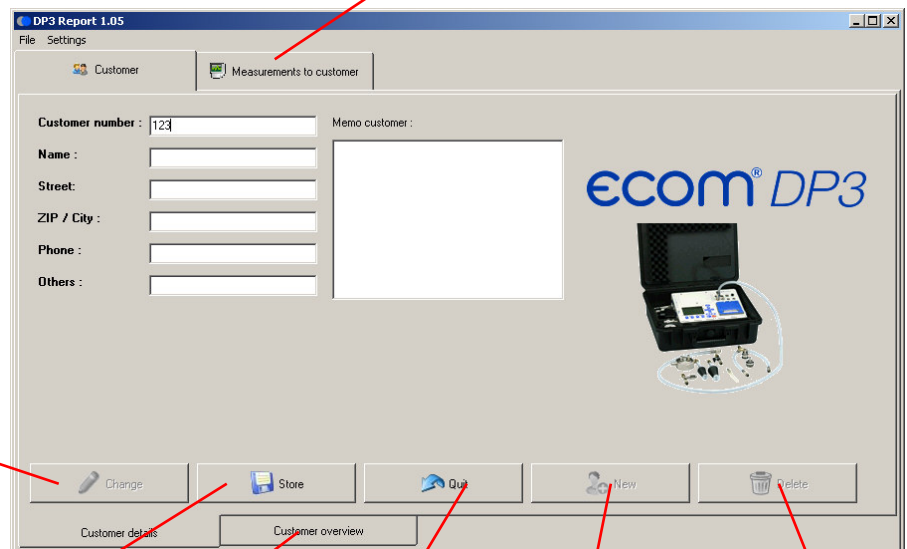
Create a demo record on the SD or MMC for each type of form

5. Create customer data

- Select tab „Customer“ / „Customer details“
- Press button „New“
- Type in customer number
- Activate field „Name“ with left mouse button
- Type in customer name
- Activate and fill out the other fields
- Store customer data with button "Save"

Stored measurements of the customer

Change customer data



Store customer data

List of all customers

Quit entry

Create new customer

Delete customer data

6. Customer selection

- Select tab „Customer“ / „Customer overview“
- Select desired customer with left mouse button
- To select multiple customers press <CTRL> and hold button (select all customers with <CTRL> <A>)
- To store selected customers to SD or MMC press "Store selected customers to card"

Stored measurements of the customer

Enter search term

Search customer

Create customer data

Delete selected customers

Selected customers will be written to SD or MMC

Customer number	Name	Street	ZIP / City	Phone
MT1	Name 1	Strasse 1	10000 Ort 1	02371-9455
MT5	Name 10	Strasse 10	10000 Ort 10	02371-9455
MT6	Name 11	Strasse 11	10000 Ort 11	02371-9455
MT7	Name 12	Strasse 12	10000 Ort 12	02371-9455
MT8	Name 13	Strasse 13	10000 Ort 13	02371-9455
MT9	Name 14	Strasse 14	10000 Ort 14	02371-9455
MT10	Name 2	Strasse 2	10000 Ort 2	02371-9455
MT11	Name 3	Strasse 3	10000 Ort 3	02371-9455
MT12	Name 4	Strasse 4	10000 Ort 4	02371-9455
MT13	Name 5	Strasse 5	10000 Ort 5	02371-9455
MT14	Name 6	Strasse 6	10000 Ort 6	02371-9455
MT2	Name 7	Strasse 7	10000 Ort 7	02371-9455
MT3	Name 8	Strasse 8	10000 Ort 8	02371-9455
MT4	Name 9	Strasse 9	10000 Ort 9	02371-9455

7. Take over measurements of SD or MMC

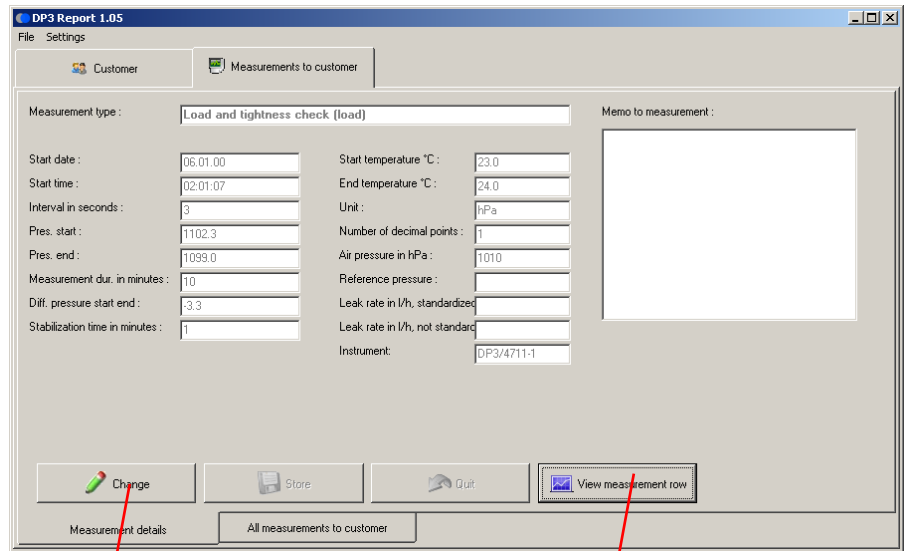
- Select tab "Measurements to customer" / "All measurements to customer"
- Insert SD or MMC in the card drive of the PC
- Press Button "Load from card" to take over the measurements
- Measurements are automatically mapped to the stored customer numbers (new customer numbers will be created newly)

Take measurements from SD or MMC

Date	Time	Measurement type	Measurement durati
06.01.00	02:01:07	Load and tightness check (load)	10
06.01.00	02:19:25	Load and tightness check (tightness)	9
06.01.00	02:54:59	Usability check (leak volume)	5

8. Details of the measuring

- Select tab "Measurements to customer" / "Measurement details"
- Press button "Change" to create or change a memo field to the measurement
- Make entries/changes and save with button "Save"



Create or modify memo to measure

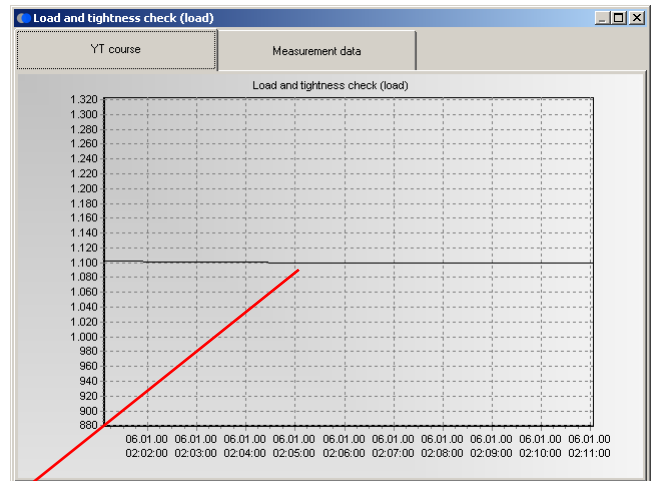
View measurement data / graphic

- Press button "View measurement row" to display the measurement history
- Press button "Data export" to store the data in Excel format (as xls or csv file)

Export to Excel

This screenshot shows the 'Measurement data' table with columns for Date, Time, and Measurement. A red arrow points from the 'Data export...' button to the caption below.

Date	Time	Measurement
06.01.00	02:01:10	1102.2
06.01.00	02:01:13	1102.2
06.01.00	02:01:16	1102.1
06.01.00	02:01:19	1102.1
06.01.00	02:01:22	1102.0
06.01.00	02:01:25	1101.9
06.01.00	02:01:28	1101.9
06.01.00	02:01:31	1101.9
06.01.00	02:01:34	1101.8
06.01.00	02:01:37	1101.8
06.01.00	02:01:40	1101.8
06.01.00	02:01:43	1101.8
06.01.00	02:01:46	1101.7
06.01.00	02:01:49	1101.7
06.01.00	02:01:52	1101.6
06.01.00	02:01:55	1101.6
06.01.00	02:01:58	1101.5

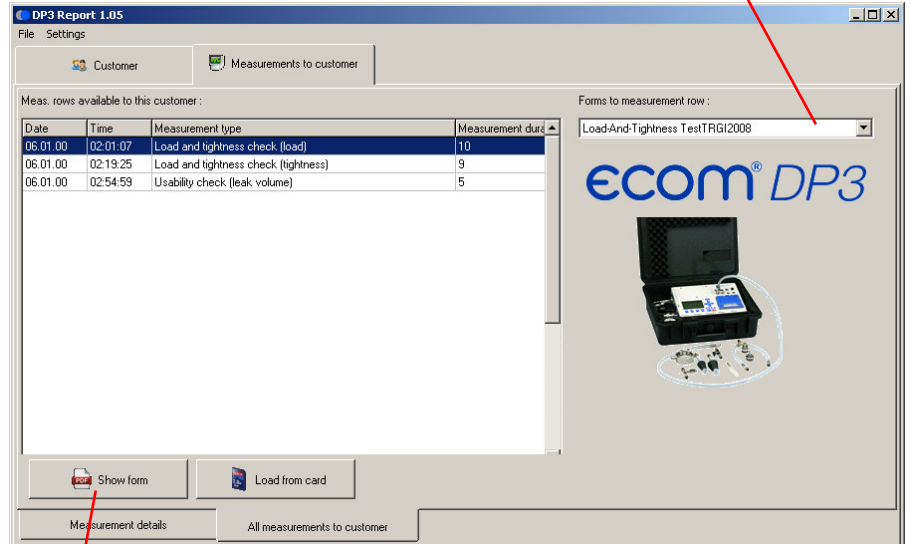


Value history during the measurement

9. Fill out a form to the measurement

- Select tab "Measurements to customer" / "All measurements to customer"
- To fill out the form press button "Show form"

Select form



Fill out a form

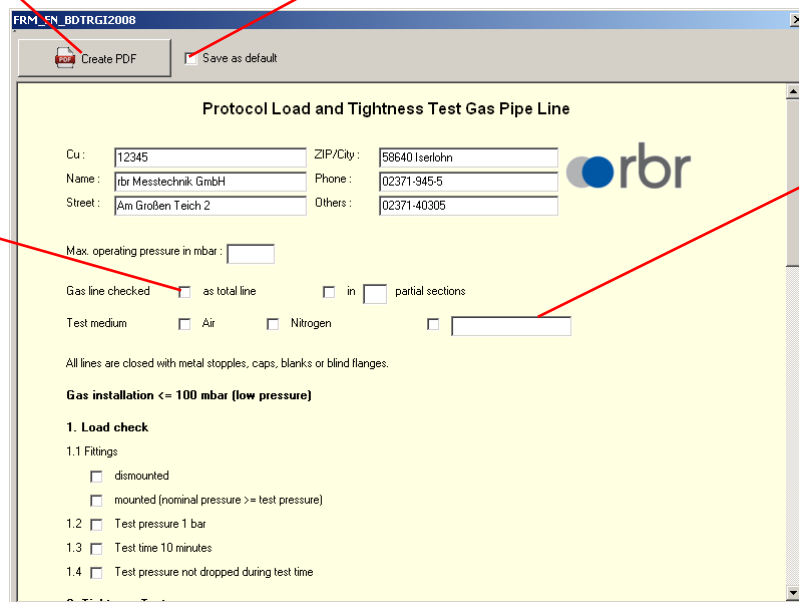
- Check boxes can be changed with the left mouse button
- Edit fields can be enabled with the left mouse button and then filled out
- If necessary save the current state of the form as default for all measurements of this type with "Save as default"

Create a pdf file

Save the current state as default

Check box

Edit field



- Take over the graphic of selected measurement (e.g. load test) with left mouse button
- If necessary select second measurement (e.g. tightness test) and take over the graphic with left mouse button
- Press "Create PDF" button to open the form as a PDF file
(the PDF Reader installed on your PC is used - if necessary save or print file)

The screenshot illustrates the software's workflow. At the top, a window titled 'FRM_EN_BDTRGI2008' contains two measurement forms: 'Load Test' and 'Tightness Test'. Each form has input fields for 'Start press.', 'End press.', 'Start temp.', and 'End temp.', and a large green button labeled 'Click to take over current measurement'. Red arrows point from these buttons to a table in a lower window.

The table, titled 'Meas. rows available to this customer:', lists measurement data:

Date	Time	Measurement type	Measurement dur.
06.01.00	02:01:07	Load and tightness check (load)	10
06.01.00	02:19:25	Load and tightness check (tightness)	9
06.01.00	02:54:59	Usability check (leak volume)	5

Red arrows indicate that the 'Click to take over current measurement' buttons from the 'Load Test' and 'Tightness Test' forms are used to select rows in this table. A third window, titled 'Forms to measurement row:', shows the 'Load-And-Tightness TestTRGI2008' form selected, featuring the 'ecom DP3' logo and an image of the device.

At the bottom, another 'FRM_EN_BDTRGI2008' window displays the 'Load Test' and 'Tightness Test' forms with their respective data plots. The 'Load Test' plot shows pressure (hPa) on the y-axis (900 to 1300) and time on the x-axis (06.01.00 02:05:00 to 06.01.00 02:10:00). The 'Tightness Test' plot shows pressure (hPa) on the y-axis (120 to 160) and time on the x-axis (06.01.00 02:20:00 to 06.01.00 02:25:00). Both plots show a constant pressure level over time.