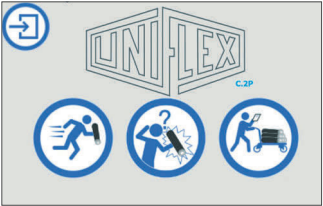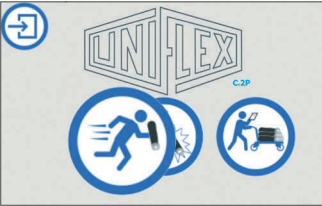## CONTROL IPC.P

Industrial PC with 12" touch panel interfaces:
Ethernet RJ45
USB 3.1
serial port (COM)
Profinet
ProfiBus
CAN bus

START SCREEN

- Individual Test
- First time set-up
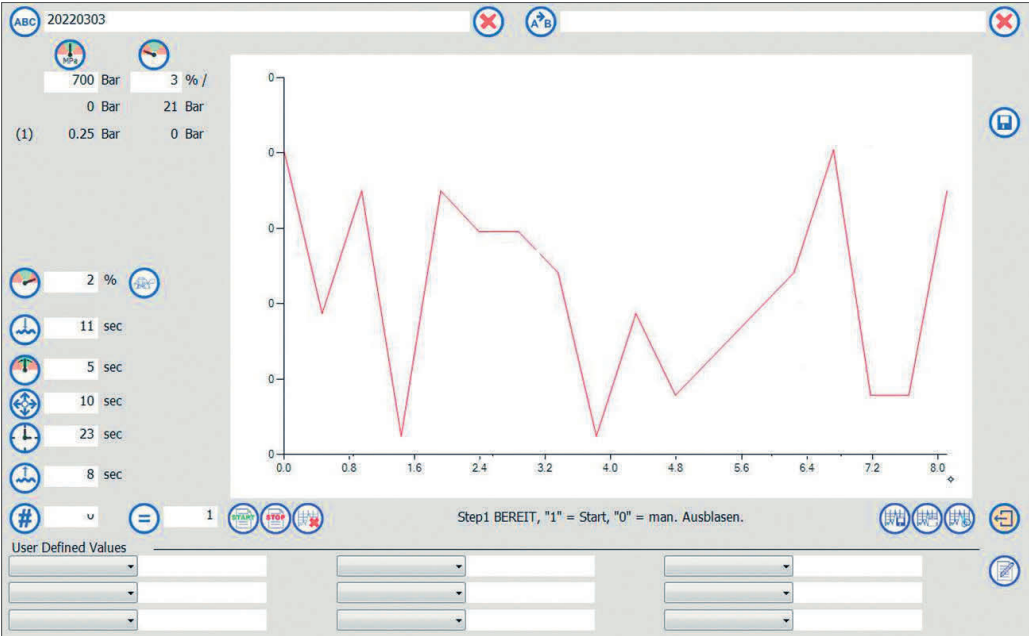- Serial test

INDIVIDUAL TEST

This screen is activated to specify the settings for a hose test in the "Individual test" mode. In this operation mode, the log files are always saved automatically, the complete test is continuously logged.

FIRST TIME SET-UP

In the set-up mode, the required settings for a new type of test object can be identified by not specifying any times but individually switching over to each individual step and recording the duration of the steps.

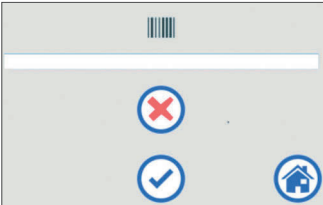In the menu you can set the following parameters:

Pressure (Bar/ PSI) – the test pressure is the basis for the pressure adjusted by the test stand during the test.

Test tolerance (%) – the maximum permissible pressure drop in percent of the test pressure.

Filling time (sec) – when a test starts, the entire system is filled with the test medium for the specified duration.

Residual time (sec) – the time during which the test stand will stabilise pressure control.

Test time (sec) – the test time is the duration of the test.

Blowing time (sec) – the test medium is discharged from the system using compressed air for the time entered for the entire system.
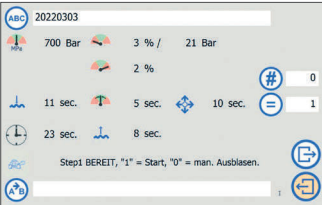
SERIAL TEST

The serial test is used for testing hoses from the article database and is particularly advantageous for large quantities.
The serial test can be performed in the simple mode with significantly reduced setting options or in the detail mode with full functionality.
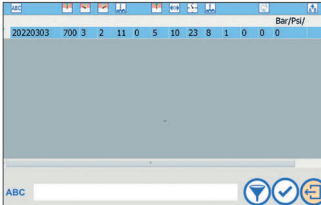
LOAD DATA RECORD USING A SCANNER (OPTION)

Scan the barcode using the scanner, or enter the barcode text manually. The scanned barcode is interpreted as the name of a data record.
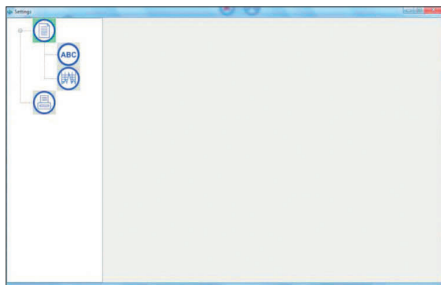
OPERATIONAL MODE

In the simple mode, an item can be uploaded from the database and the quantity can be selected; other settings cannot be made. The log file is recorded and, if selected, saved automatically.
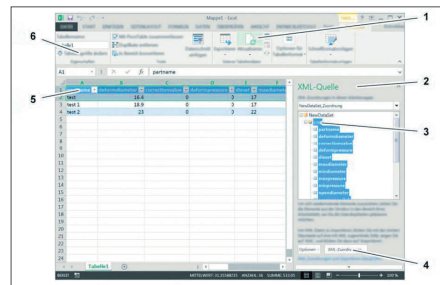
DATA BANK MODE

The user interface shows the database as a list of data records including names and test data. The requested data record is selected by a touch and is then highlighted blue.

Control IPC.P

LOG SETTINGS

The relevant settings may be selected here in the tree menu.
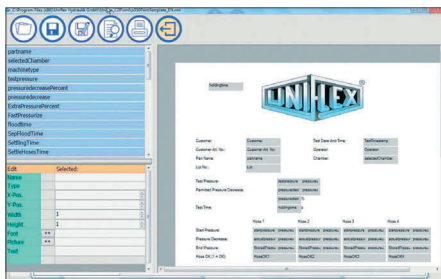
ARTICLE DATABASE

The data records of the article database can be edited externally and then transferred back onto the control. To do this, first load the data from the control onto a USB storage medium and, after processing, load them back onto the control.

ACTIVATE SAVED LOG FILES

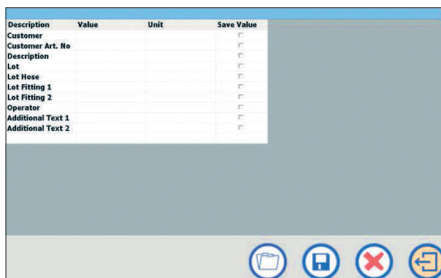| partn	select	machi	testpr	press	press	Extra	FastP	floodt	SepFl	Settli	Settle h
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	540	3	16.2	3	0	5	0	5	5	30
1	2500.	360	3	10.8	3	0	10	0	5	5	30
1	2500.	360	3	10.8	3	0	10	0	5	5	30
1	2500.	360	3	10.8	3	0	10	0	5	5	30
1	2500.	360	3	10.8	3	0	10	0	5	5	30
1	2500.	480	3	14.4	3	0	10	0	5	5	30
1	2500.	480	3	14.4	3	0	10	0	5	5	30

Displays the currently set log file overview. A log file may be selected and loaded to display or print it. The table lists all logs saved at the set storage location. All test-relevant data is shown. By scrolling to the right, other columns may be displayed. A log file is marked for opening by touching any cell in the line.

PRINTER AND LOG TEMPLATE EDITOR

New log templates may be created or existing log templates may be edited here. The log template editor is opened by using the pre-set log template and the current user-defined values.
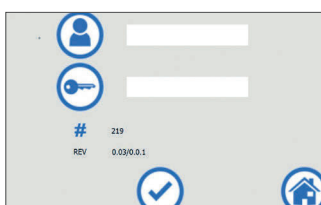
USER-DEFINED VALUES

User-defined values may be created and saved for each item specifically and in any desired quantity. These values are not used by the control unit, but saved in the log file and may be printed in the record as well as shown and edited in the detail view. Examples for possible user-defined values are: Operator, Charge, Customer Item Number, etc.
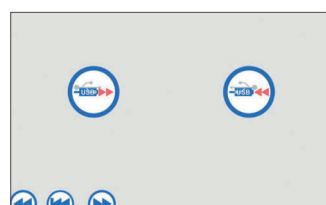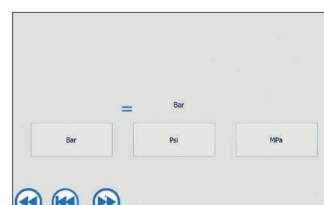

MACHINE SETTINGS

The machine settings area is password protected. After the user has logged in, all screens may be opened one after the other.
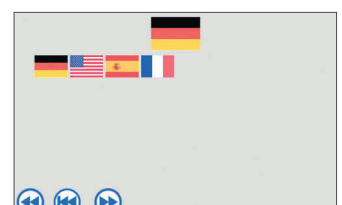
USB STORAGE MEDIUM

The USB sockets are located in the test stand casing and are marked appropriately. The precise location is shown in the operating Instructions of the relevant unit and/or test stand.

UNITS

The currently set unit is shown at the top. Select the appropriate unit by touching the button

LANGUAGE

The currently set language is shown at the top. Select the appropriate language by touching the flag.