

## Keyboard (1):

Right end, dark buttons: (Del, Clr, Esc, "Lock" symbols)  
 "Del" and "Clr" are used when typing a TEXT.  
 "Esc" for directly returning to the basic display mode.  
 "Lock" to go directly out of all password secured sections.  
 "+/-" press to view the stability data of the last 10 measurements.

### How to select a position:

Use buttons "up" or "down" and "Select", or directly dial the number of the requested item. For returning one step: press button "Previous screen".  
 Return directly to the basic display: press the button "Esc".

## Settings:

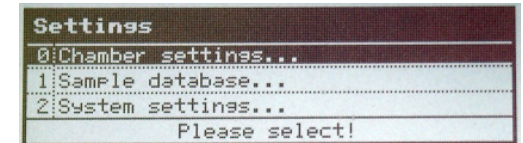
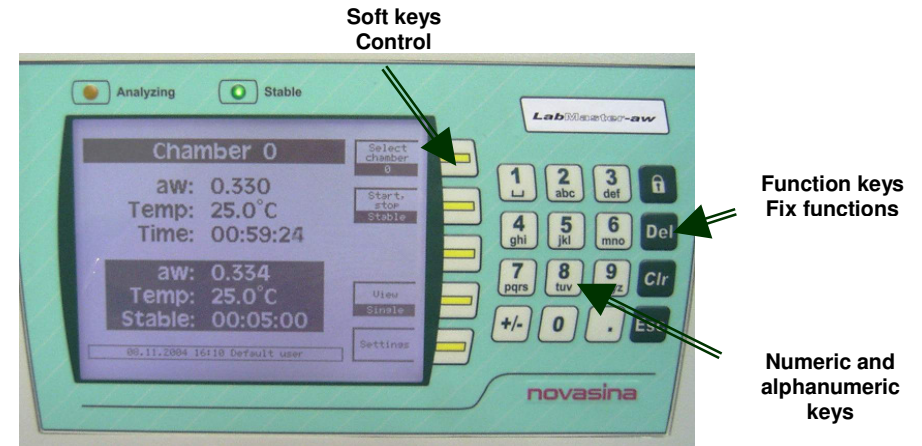
Possible "**Settings**": (0) Chamber settings, (1) Samples database, (2) System settings.

### (0) Chamber settings:

- |   |  |
|---|--|
| <p><u>0. Power</u></p> <p><u>1. Load from database...</u></p> <p><u>2. Temperature</u></p> <p><u>3. Stab. obs. time at start</u></p> <p><u>4. Stability parameter aw</u></p> <p><u>5. Stability parameter temp</u></p> <p><u>6. Limits</u></p> <p><u>7. Graph</u></p> <p><u>8. Calibration aw.</u></p> <p>082</p> | <p>: Temp. control power of sel. chamber. Select number "0" (off), "1" (on).</p> <p>: Select desired data ("File loaded": Press "OK"), or "OFF".</p> <p>: Using the keyboard. "Del" cancels the marked digits, "Clr" cancels all digits. Confirm with "OK" or go back to "Previous screen" without modification.</p> <p>: reminds the user to choose the right "Stability parameter aw" after starting the measurement</p> <p>: 1 = fastest mode, 30 = most accurate mode. (5 = 5 minutes : the aw value will not changed)</p> <p>: 1 = fastest mode, 30 = most accurate mode. (3 3 minutes the temp changing is lower then +/-0.1 °C)</p> <p>: Enable this function "Yes/No". Set "upper" and "lower" limits of the aw-range. A warning text on the measuring display will be shown if the stable aw-result is outside of the range.</p> <p>: Settings of the graphic display can be done. "Range" (x-scale), "Time/div." (y-scale), "Auto stop after stable"</p> <p>: All possible calibration points are shown (all calibration point data are stored on the <i>sensor</i>!). Chose a calibration value: last modification is shown. If that point is not calibrated no values are displayed. If calibrated, details are shown. Exit with "OK".</p> <p>: The table shows all calibrated points (select, if an individual point shall be cleared) or "clear all points".</p> <p>: First leave the salt standard in the chamber and wait for "stability" with humidity factor set to "5". You are asked, if you want to calibrate. In case of several possible references, please select the correct value! If outside the accepted aw or T range (programmed in the sensor!), a corresponding warning text appears. CALIBRATION: if yes, you may be asked (only the first time for that sensor) to enter the sensor password. If correct, the calibration will be done IMMEDIATELY! Confirmation : "Calibration was successful".</p> <p>: Set calibration reminder in days (d). If you don't set any number and confirm with ok, this function is set "Off".</p> <p>: What for? A sensor can be protected against erroneous calibration in another instrument (e. g. calibration done in a central lab, several instruments used in different places). Once a correct password is set, <i>the instrument</i> will not ask for it again, during one calibration procedure or before switch off.</p> |
| <p><u>9. System info.</u></p>   | <p>: Shows actual version numbers of the <i>chamber</i> ("0") or the <i>sensor</i> ("1"), with last calibration date.</p>  |

### (1) Samples database:

10 different settings can be stored (numbers 0 to 9). Enter to modify/choose name, chamber temperature, stability factor aw and T, limits and graph settings. If a modification is made during use of one of these settings, then automatically the new parameter(s) will be sent to all chambers and activated after reaching "stable".



## Settings (2):

### (2) System settings:

0 = Set date, time...

1 = Users:

2 = Units:

3 = Stable beep duration

4 = LCD settings

5 = Communication

6 = Reset to factory settings

7 = System info

If you have administrator rights, you will see all points. If not, only 3, 4, and 6!

: Select 0 for setting the date, 1 for the hour. The built-in calendar recognises leap years.

: As administrator you can change passwords etc. of other users. New user: empty line, enter: write name, ok, then the following table with questions (set to "yes") appears: (1) Password, (2) Administrator, (3) Permit calibration, (4) Permit edit parameters database, (5) Permit chamber settings.

: Select aw (or %rh), °C (or °F), date format 0 = D/M/Y, or 2 = Y/M/D, or 1 = M/D/Y.

: From 0 to 120 seconds.

: Contrast and backlight (range 0...9).

: Select output device PC or Printer.

: Except calibration values. Confirm by "yes", if really wanted.

: Shows actual version numbers of the *Master* (all control/communication electronics).

### Log out :

directly use the "Lock" symbol button. When switching the unit off without logging out, with more than one user name in the memory: instrument will be locked when turning it on again!

The screenshots illustrate the following settings screens:

- Settings**: Main menu with options 0-9.
- Chamber settings: Chamber 0**: Options for Power, Load from database, Temperature, Stab. obs. time at start, Stab. observation time aw, Stab. observation time temp, Limits, Graph, Calibration, and Info.
- Sample Database**: Options for Bread white, 1-9, and HM 02.
- System info sensor: Chamber 0**: Displays Type (CM-1), Serial number (1.02CM0409442), Firmware (C001), and Last modif (10.01.2005 09:24:13).
- System settings**: Options for Units (Humidity, Temperature, Date format), Stable beep duration, Reset to factory settings, and Info.
- Cal. point chamber 0?**: Calibration point selection screen.
- Calibration: Chamber 0**: Options for Display cal. points, Clr cal. points, Calibrate, Warning next cal., and Set sensor password.
- Info chamber 0**: Options for System info chamber and System info sensor.
- Sample Database: Sample 1**: Options for Name (FISCH), Temperature, Stab. observation time aw, Stab. observation time temp, Limits, Graph, and Info.
- User 0**: Options for Name (SYS ADMIN), Password, Administrator, Permit Calibration, Permit edit sample database, Permit chamber settings, and User 2.