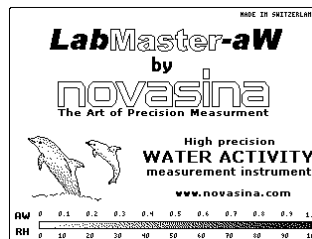


A quick guide how to operate the **LabMASTER-aw**

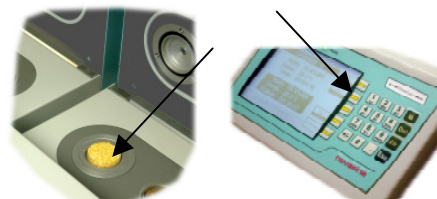
Switch ON

Display "Welcome", then sensor heating up.
Last settings are displayed:
-> chamber Nr., aw, temperature.
-> Instrument is ready:



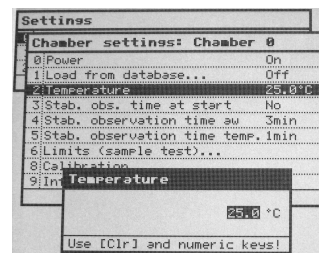
Quick start

Place product sample, close cover. Values aw and T are on display.
With button „Start/stop“, the „stable“-function may be started (immediate reaction). Orange LED "Analyzing" flashes.
When "stable": green LED lights up.
If cover opens, it switches to „Stop“.



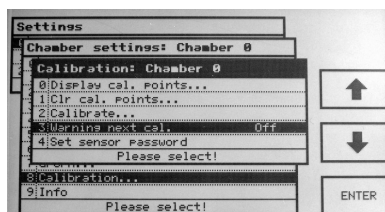
Chamber settings: select temperature

Go to -> Settings -> (0) chamber settings -> (2) temperature



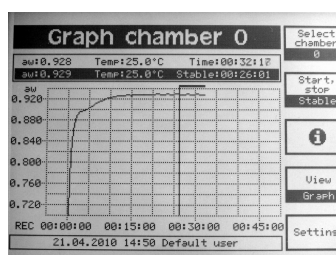
Calibrate aw

Go to -> Settings -> (0) chamber settings
-> (5) calibration -> (2) calibrate.
The calibration is done immediately, so stability must be reached before that!



Display mode: "View" Single/All/Graph.

Button "View, Single": shows only selected channel;
"View, All": a table with all actual channel values is displayed.
"View, Graph": shows the graphic display of selected channel.

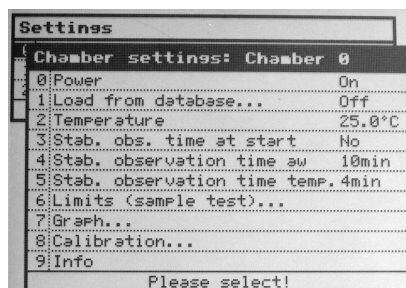


	aw	Actual °C	Time	aw	Stab °C
0	0.332	28.0			
1					
2					
3					
4					
5					
6					
7					
8					
9					

Chamber settings

It is possible to

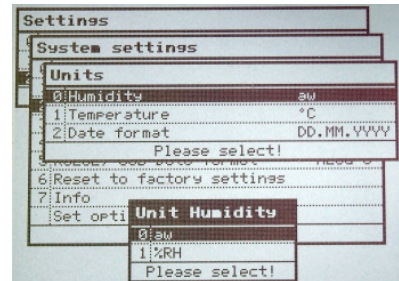
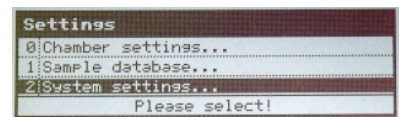
- switch the power **ON/OFF** of an individual chamber (no heating/cooling)
- load settings data from a **database** (10 files)
- select chamber **temperature**
- set **reminder** (aw observation time) at start
- select **stability parameter aw**
- select **stability parameter temperature**
- set upper and lower **limits**
- set **graphic display** settings
- go into **calibration details**: see all calibrated points, clear calibration, calibrate, set calibration reminder, set a sensor password. Why set a sensor **password**?
A sensor can be protected against erroneous calibration in a different instrument.



System settings

It is possible to

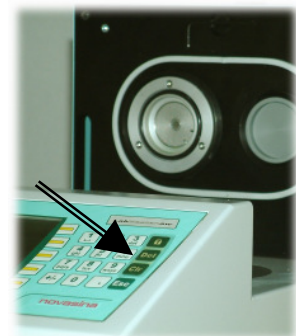
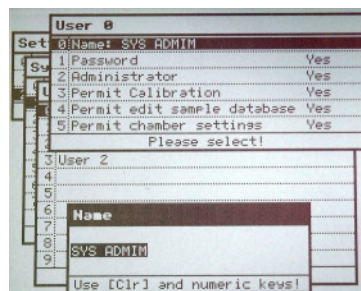
- set the date and time, the date format, aw or %rh
- select the stable signal duration, change the LCD contrast
- **set user passwords!** Write in new user names and decide about their permission to modify settings, calibrate etc. Once an ADMINISTRATOR is activated, the instrument will be locked after log out.
- set the output device PC or Printer



Passwords

How to set a user password:

Go to -> Settings -> (2) system settings
-> (1) users -> open a new file.



Log out

Go directly to the button with the **lock** symbol

The **LabMASTER-aw** is built with 3 system-blocks with independent hardware and software: the **MASTER** control board with all communication electronics, the chamber system with temperature control (in **MASTER** and all **PARTNER's**), and the sensor unit. So there exist 3 references:

- Version numbers *Master* -> Settings -> (2) system settings -> (7) system info
- Version numbers *channel* -> Settings -> (0) chamber settings -> (9) system info -> (0) chamber
- Version numbers *sensor* -> Settings -> (0) chamber settings -> (9) system info -> (1) sensor

WARNING:

when losing a password, there is no way to enter into the programming mode; the instrument must be returned to Novasina!