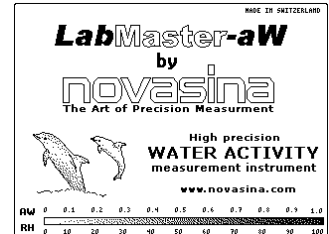


A quick guide how to operate the LabMASTER-aw

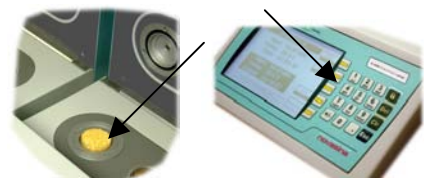
Switch ON

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“.



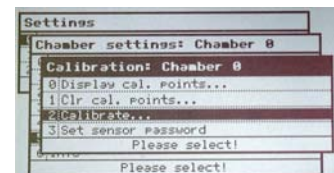
Chamber settings: select temperature

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!



Multichannel systems: how to view all values.

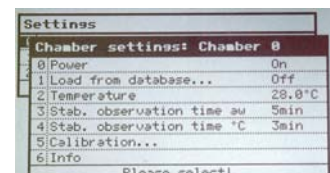
Button "View, Single": shows only selected channel;
"View, All": a table with all actual channel values is displayed.

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

Chamber settings

It is possible to

- switch the power of an individual chamber on/off (no heating/cooling)
- load settings data from a memory (10 files)
- select chamber temperature
- select stability parameter aw
- select stability parameter temperature
- go into **sensor details**: see all calibrated points, clear calibration, calibrate, 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

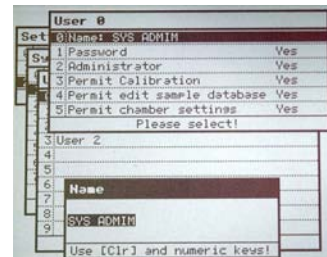
- set the date and time, the date format, aw or %rh
- select the stable signal duration, change the LCD contrast
- **set user passwords!** Write in new user names and decide about their permission to modify settings, calibrate etc. Once an ADMINISTRATOR is activated, the instrument will be locked after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

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 PARTNERS), and the sensor unit. So there exist 3 references:

- Version numbers *Master* -> Settings -> (2) system settings -> (6) system info
- Version numbers *channel* -> Settings -> (0) chamber settings -> (6) system info -> (0) chamber
- Version numbers *sensor* -> Settings -> (0) chamber settings -> (6) 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!