

## Quick Guide for LabSwift-aw

### Power On

Press the "Menu" key.  
A self-test is performed and the sensor is warmed-up.  
(WARMUP appears in the display)  
If finished, AW value and temperature are displayed:



-> Instrument is ready now

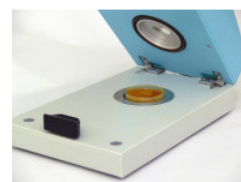
### Quick Start

Fill the sample cup half with your sample and place it into the measurement chamber, close cover. The values aw and temperature are displayed.  
Press „Start/Stop“ key and measurement will be started.

If the humidity equilibrium is established according to programmed stability programming, a “beep” is released and the stable aw-value is displayed.

Note:

If the cover is opened, the measurement stops, independently if finished or not.



### Stability Menu

Go to -> Menu -> \*STAB  
-> MODE.



MODE	Function
S	Slow; stable time 6 mins.
A	Average; stable time 4 mins.
F	Fast; stable time 2 mins.
0	Stable time can be programmed in menu "OBSTIME". Allowed values 1 till 30 mins.

**Stable time:** the measurement is considered as finished, if the water activity does not change more than +/- 0.001aw within the selected stability time (i.e. if you select “F” mode, stop of measurement is, if aw does not change more than +/- 0.001aw within 2 mins). The bigger the stability time, the longer the measurement - but the more accurate it is.



Mode "-"; If selected, user will be asked to enter a stability time every time while starting a measurement.

If “AUTOST” option is set to "YES", measurement is started right after closing the cover without pressing any button.

## Calibration aw

Place the SAL-T standard into the chamber, close it, and wait 45 mins.  
Then go to -> Menu -> \*CALIB -> CAL XX.

The deviation between the current and the reference value (cal. point) is displayed. Confirm the start of calibration by pressing the menu button. It will be performed immediately!



## System Settings

Go to -> \*LCD

Following general settings can be programmed/changed:

- Contrast
- Units aw / %rh oder °C / F
- Duration of the beep



## SD-Card Settings

Go to -> \*SD LOG

Following menu points are available:

- Enter a sample number
- Enter logging interval time

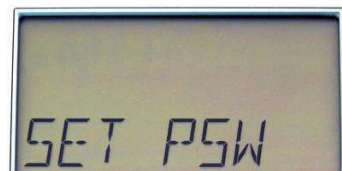


## Password

Set a four digit password by going to menu:

Go to -> \*CALIB -> SET PSW

->For deactivation of password, enter "0000"



## Switch Off

Press the "**Menu**" key for longer time.

**Note:** due to latest technology implemented in the **LabSwift-aw**, power consumption is very low. We recommend not switching off the instrument if it is plugged to power.

**WARNING:** If sensor password gets lost, there is **NO** possibility to calibrate the instrument. You have to remove the sensor and return it to Novasina for unlocking. There is **NO** master password!