

Measure Brix and Salt at the same time!
 Save time and space.
 It's even equipped with a data communication function!

In just-a-minute

From 1 year to **2 years**
 Free Extended Warranty

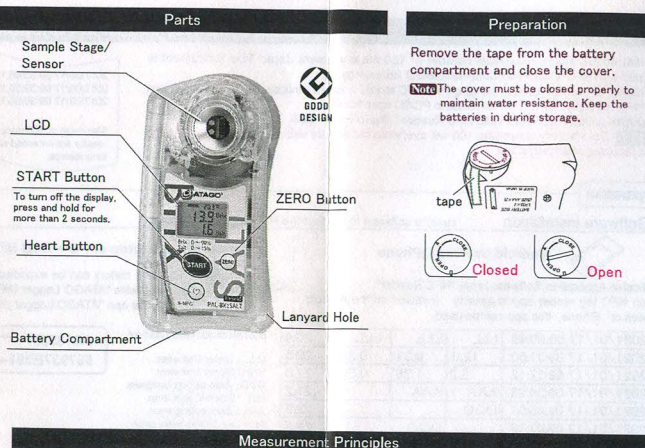
1. It requires **only 1 minute!**
 Simply by answering questions, warranty period is extended from 1 year to 2 years.

2. ATAGO Logger NFC can also be downloaded at the same time.

Access now ⇒



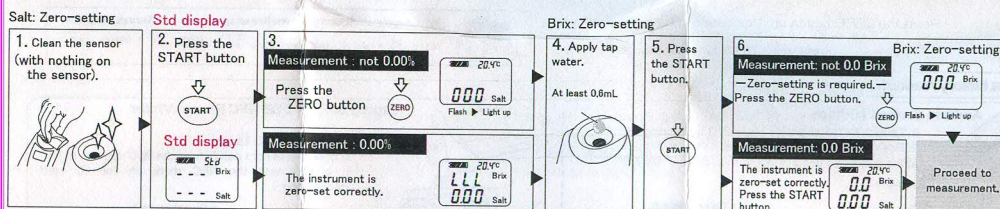
(The registration page can be accessed from ATAGO website.)



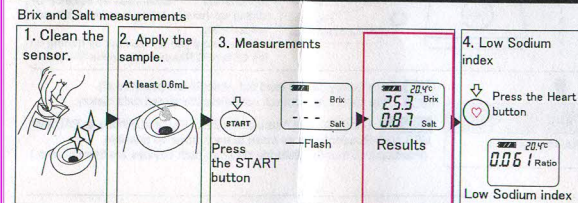
Brix is a measurement of the total dissolved solids (TDS) in a solution and measured by a refractometer. Check the Brix of your sample with a refractometer. For optimum results, it is recommended to dilute complex samples that are 6% Brix or higher.

Preparation ① Zero-setting

※Recommended on a daily basis.



Brix and Salt Measurements



Cleaning



Error Messages

LLL •Brix: Sample not enough.
 •Temperature: Below the range.

RRR •Brix: Zero-setting with other than water.
 •Salt: Calibration with other than reference solution.

HHH •Above the measurement range.

nnn •Brix : Too Bright. Shade the sample stage with your hand.

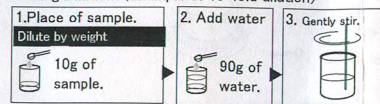
ooo •Low sodium index error.

Err •Creating user scales error.

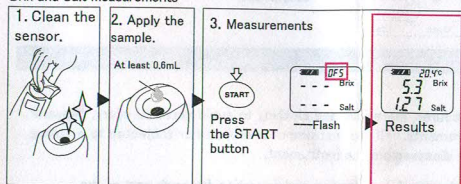
Lo •The battery is low.

Brix and Salt Measurements

Making Dilutions (Example of 10-fold dilution)



Brix and Salt measurements



Offset feature use #1

Input a coefficient (a) of 10, and the value multiplied by 10 will be displayed.

Displayed value

5.3 Brix
 12.7 Salt

Salt: Offset Function

Discrepancies with titration

Due to the difference in measurement principles, readings from the instrument may not match up exactly with the readings by titration for certain samples. However, correlation between the two testing methods can be seen.

Offset feature use

Create a conversion chart between the two testing methods.

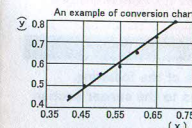
$$y = a \times x + b$$

y: titration readings

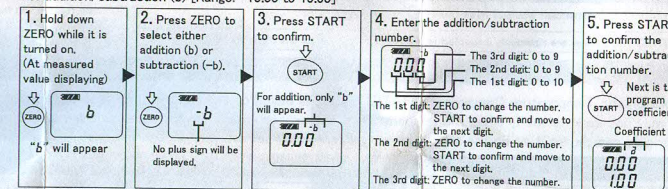
x: The instrument readings

a: coefficient (multiplication)

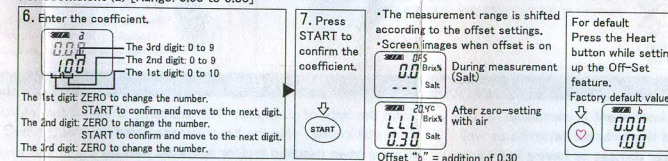
b: addition/subtraction number



For addition/subtraction (b) [Range: -10.00 to 10.00]



For coefficient (a) [Range: 0.50 to 5.00]



Salt: Checking with Reference Solution

When there is any doubt regarding accuracy of measurement results, adjust the reference value according to the following procedure.

memo The reference solution is available from ATAGO.

Part No. RE-120250 NaCl Solution 2.50%

Part No. RE-120900 NaCl Solution 9.00%

Part No. RE-121500 NaCl Solution 15.00%

memo Calibration automatically recognizes 2.50%, 9.00%, 15.00%.

[3] Salt: Calibration

