

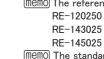
Clean oily residues with ethyl alcohol or mild soap, and then, rinse with water.

Ethyl alcohol

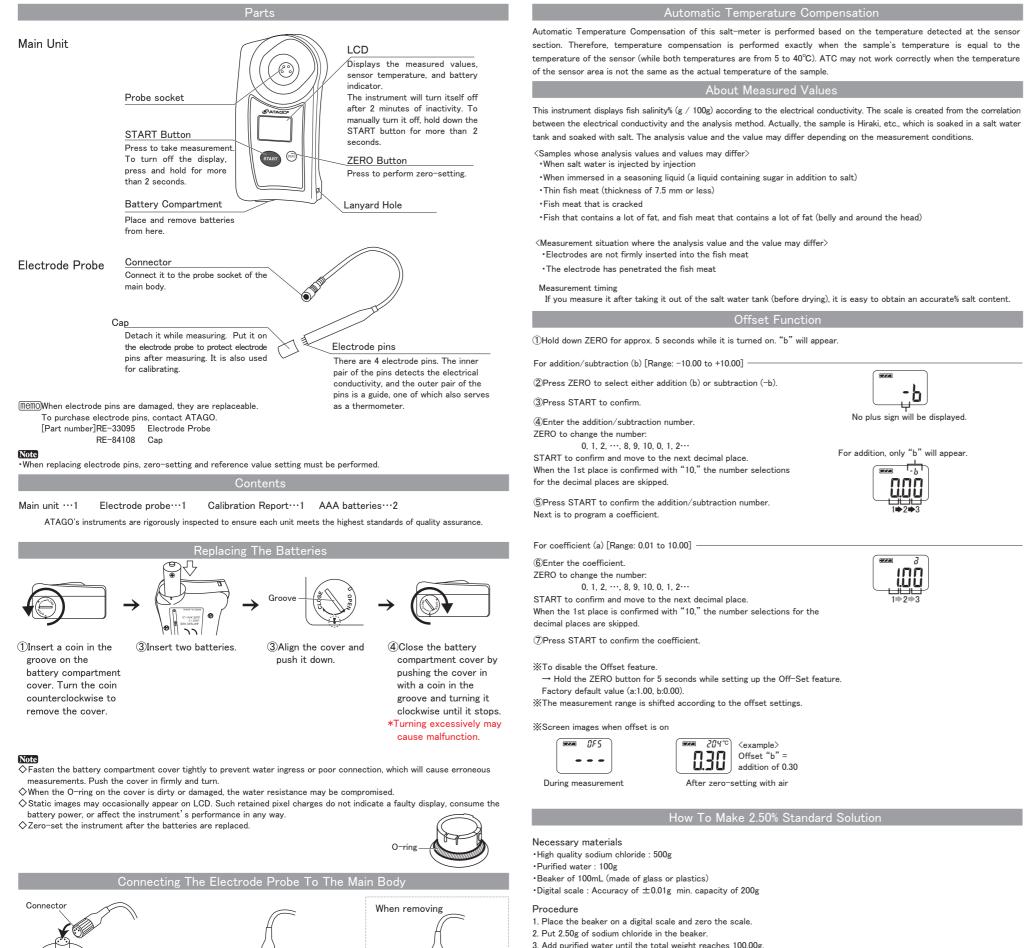
Battery Error The battery is low. Û

23 above the temperature range. Replace both batteries with brand new alkaline batteries

below the temperature range. HXX°C) The electrode pin temperature is



RE-120250 NaCl solution 2.50% Approx. 10mL RE-143025 NaCl solution 2.50% Approx. 100mL RE-145025 NaCl solution 2.50% Approx. 500mL [memo] The standard solution (2.50 g / 100 g saline solution) can be made in house as well. Instruction are on the next page.



4. Remove the beaker from the scale and stir the solution until the solute is completely dissolved.

Note \*Maintain the ambient temperature at  $20^{\circ}C \pm 5^{\circ}C$ . \*Purchase sodium chloride from a local reagent store \*Make a total weight of no less than 100g to minimize relative error. \*Unit of measurement: weight/weight %

Read and follow all safety instructions before operating the instrument. Failure to comply with the following instructions may result in personal injury or property damage.

### / WARNING

of such chemicals and emergency response guidelines. instrument

•Do not drop the instrument or subject it to strong physical shock •Do not attempt to repair, modify, or disassemble the instrument.

## ▲ CAUTION

measurements

### •Do not use any metal tools when applying sample to the sensor section. The metal can damage the sensor section. If the sensor section is scratched or damaged, inaccurate measurements will occur.

•Do not change the ambient temperature of the instrument suddenly. •Do not place the instrument where it will be subject to strong vibrations. Do not use the instrument where there are excessive amounts of dust •Do not store the instrument in an extremely cool area. Do not set or drop heavy objects on top of the instrument. ·Have the batteries and battery compartment cover removed during air transport. <International Protection Classification IP65>

# •Clean and dry the sample stage thoroughly, following the "Cleaning" instructions.

the following. Send the included batteries as well if they are still in use. ·Having been disassembled by unauthorized personnel •Damages to the prism and/or sample stage •Water damage or having been dropped ·Leakage from batteries other than those included with the unit Repair services are available for a fee after the warranty expires. Contact an ATAGO authorized service center for service and support

	Specifi	cations	
Measurement range	Fish Salinity 0.0 to 10.0% (g/100g)	Measurement time	Approx. 1 seconds
	Temperature 0.0 to 100°C	Backlight	The backlight stays on for 30
Resolution	Fish Salinity 0.1% (g/100g)		seconds after any button is pressed.
	Temperature 0.1°C	Output	NFC Forum Type 4 Tag
Measurement	Fish Salinity		ISO/IEC 14443 Type A
accuracy	Absolute Precision $\pm 0.1\%(0.0 \text{ to } 3.9\%)$	Output category	Date Time,Salt [g/100g],Temp [degC]
	Relative Precision $\pm 5\%$ (4.0 to 10.0%)		(e.g.) 2019/01/17 09:30:45, 2.3, 21
	Temperature ±1°C	International	IP65
Sample temperature	5 to 40°C	Protection class	
Ambient temperature	5 to 40°C	Dimensions and	55(W) × 31(D) × 109(H)mm,100g
range		weight	(main unit only)

# ATAGO CO.,LTD.

TEL: 81-3-3431-1943 overseas@atago.net https://www.atago.net

- ATAGO U.S.A., Inc
- CATAGO THAILAN
- ATAGO BRASIL
- ATAGO ITALIA 5.

·b

- ATAGO RUSSIA
  - ATAGO KAZAKI



(1)Insert the electrode plug to the probe socket, aligning the electrode pins with the corresponding holes.



ring clockwise to secure the plug in place



To disconnect the electrode probe, turn the connector ring of the plug counterclockwise and

unplug.

### Safety Precautions

•Ensure safety when handling hazardous materials. Observe precautionary measures and use protective equipment, Be aware of the hazards

•ATAGO may not be held liable for any injury or damage arising in connection with handling of hazardous materials during the use of the

Before use, carefully read the instruction manual and fully understand the function and operation for each part of the instrument. • If this instrument is used to measure highly acidic samples, the sensor section and sample stage may be damaged, resulting in inaccurate

•Do not leave the instrument in a location exposed to direct sunlight or near a heat source for any extended period of time.

•It is possible to wash with water while the main body and the electrode rod are connected, but do not immerse in water.

### Storage And Maintenance

•Store the instrument in a dry place away from direct sunlight. Exposure to humidity and heat may damage the instrument.

Store the unit away from direct sunlight at a stable temperature with as little fluctuation as possible

### Repair And Warranty

The instrument is warranted for one year from the date of purchase. This warranty is void if the instrument shows evidence of

- •Having been misused and/or operated outside the environmental specifications

0 10 11
Specifications

ATAGO instruments are rigorously inspected to ensure each unit meets the highest standards of quality assurance

Headquarters: The Front Tower Shiba Koen, 23rd Floor 2-6-3 Shiba-koen, Minato-ku, Tokvo 105-0011, Japan

IC.	TEL: 1-425-637-2107 customerservice@atago-usa.com			
truments Pvt. Ltd.	TEL: 91-22-2833-8038 / 8076 customerservice@atago-india.com			
Co.,Ltd.	TEL: 662-982-8718-9 customerservice@atago-thailand.com			
Ltda.	TEL: 55 16 3916-6000 customerservice@atago-brasil.com			
.r.l.	TEL: 39 02 36557267 customerservice@atago-italia.com			
Guangzhou Co.,Ltd.	TEL: 86-20-38108256 info@atago-china.com			
Ltd.	TEL: 7-812-777-96-96 info@atago-russia.com			
HSTAN Ltd.	TEL: 7-727-257-08-95 info@atago-kazakhstan.com			
	2305K Printed in Japan			