Please read this manual carefully before use

SISCO-4 in 1 Digital Water Quality Tester

Operation Manual

195mm

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Technical Parameters

model		SISCO-DDS-10
Conductivity	Measuring range	0.0μS/cm(ppm)-20.00mS/cm(ppt)
	resolution	0.1μS/cm(ppm)-0.01mS/cm(ppt)
	Measuring accuracy	±1%F.S
temperature	Measuring range	0.0-60ÿ/32-140ÿ
	resolution	0.1℃
	Compensation	Automatic, 0-60℃/32-140℉
	range Temperature	10-40℃（default: 25℃)
	coefficient Reference	± 1 % F. S
	temperature range	0-20.00ppt
	Measuring accuracy Temperature	**Extraposition**
TDS	sensor structure Measuring range	External 0-20.00ppt
	TDS coefficient	0.01-1.0 adjustable (default 0.55)
	measurement	% F. S
salinity	accuracy	0-16.00ppt NACL
	measurement	NACL 0.65
	range salinity	± 1 % F. S
other	coefficient measurement	U-shaped glass
	accuracy electrode	Auto; 1408μS/cm (1 point calibration)
	sensor type	rice digital screen
	calibration mode	orange
	Sound switch	**Possess**
	backlight color sound switching pow	(7#)AAA battery X1PCS

Troubleshooting

error code	Fault diagnosis	Solution
E-01	The electrode sensor is damaged or aged	Replace electrode tip
E-02	Battery power is too low	Replace the battery, it is recommended to use (7#) AAA alkaline batteries
E-03	Unknown fault	Free replacement for non-human reasons during the warranty period
E-04	beyond the scope of use	Clean the electrode sensor and use it according to the instructions
E-05	Other hardware failures	Free replacement for non-human reasons during the warranty period

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packing list

- Host×1
- (AAA)7# alkaline battery×1
- Calibration solution ×1
- Instructions, certificate ×1

product structure

top cover

(AAA)7# alkaline battery

+

Display

Confirmation/parameter switching
key Calibration
key Setting
key Power key

Electrode retaining ring

Electrode tip

Electrode sensor

Electrode cap

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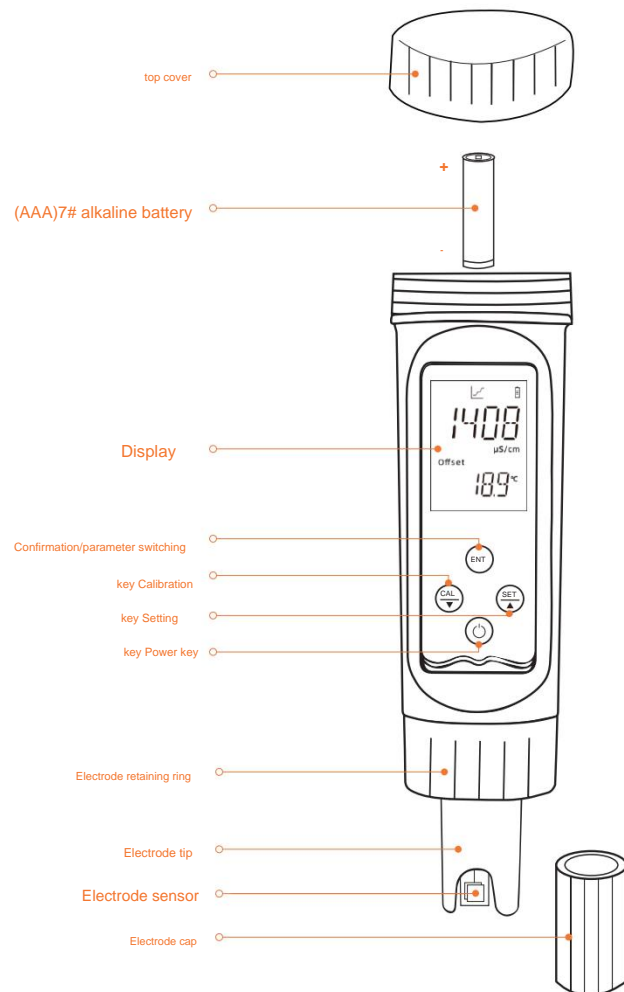
Key Function

button	Function
⏻	• Long press to turn on and off, short press to turn on or off the backlight.
CAL ▼	• Press and hold to enter the • calibration mode setting state, select the current option to enter step adjustment
SET ▲	• Enter the setting state. • In the setting state, cycle into the next setting menu setting state. • Adjust the current menu option. In the setting state, • adjust the step.
ENT	• In the calibration mode, save the calibration and exit the • calibration mode. In the setting state, save the current setting • options or in the step setting state, exit the setting menu.

Settings menu description

Show menu	Menu function description	Settable options	Option function description	Factory default
UNIT	temperature scale unit	ÿ	Celsius	ÿ
		ÿ	Fahrenheit	
LOCK	Auto lock	O N	On Off	ÿ
		OFF	On Off	
BUZZ	Buzzer switch	O N	Step	ÿ
		OFF	0.01	
T C	Temperature coefficient	0.00-0.05	Step 1 Step	0.02
MRT	reference temperature	10-40	0.01	2 5
TDSc	TDS coefficient	0.01-1.00		0.55
HALL	salinity coefficient	NACL 0.65		ÿ
rESE	reset	No	No	
		Yes	restart	

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Conductivity meter calibration

Calibration is required when using it for the first time, replacing the battery, or replacing the electrode head. Regular calibration is

recommended. The standard solution should be prepared and used as soon as possible. Do not reuse it. Standard solutions stored

improperly or for too long will affect the measurement accuracy.

Rinse in advance to improve calibration accuracy.

1. Prepare 1408ÿS/cm standard solution.

2. Press and hold the power button to turn on the meter and make sure the conductivity meter is in the conductivity measurement

　mode (the screen displays ÿS/cm), otherwise press the button to switch to the conductivity measurement mode.

3. Clean the electrode sensor with pure water, and completely immerse the electrode sensor in the 1408 ÿS/cm standard solution.

　Press and hold the calibration key, and the screen measurement area will display - - - and flash, which means entering

　the calibration process. At this time, 1408 will be displayed on the lower right corner of the screen. , gently stir the

　conductivity meter a few times, wait for the screen to display PASS, and press the confirmation key.
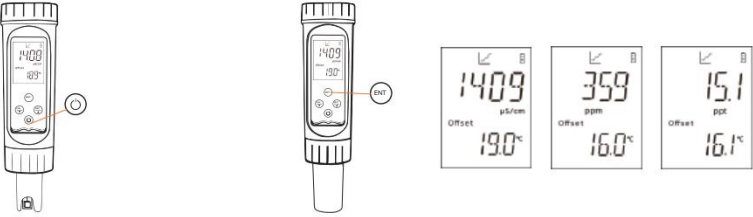
　Press the ENT key, calibration is completed.

Instructions

Pre-rinsing the electrode sensor every time it is placed into the sample to be measured can improve test accuracy.

1. Press and hold the power button to turn on the device, and remove the conductivity meter electrode cap.

2. Press the button to switch to the desired measurement mode. The screen parameter display area displays ÿS/ cm for conductivity measurement mode, ppm for TDS measurement mode, and ppt for salinity measurement mode.

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3. Completely immerse the electrode sensor into the water sample to be measured, and stir it gently a few times. After the measured value stabilizes icon is displayed at the top of the

　screen, the current value displayed on the screen is the measured value of the sample to be measured, and the value of the water sample to be measured is displayed in the

　lower right corner. temperature.

4. After use, please clean the electrode sensor with pure water.

Note: When measuring, please be sure to confirm whether the current is the required test mode!

Replacement battery

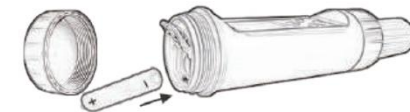1. Turn left to remove the top cover

2. Push open the battery compartment

cover 3. Take out the old battery and put in the new battery

　(It is recommended to use 7# AAA alkaline dry batteries)

4. Close the battery compartment

cover 5. Turn right to tighten the top cover

Note: When installing, please pay attention to whether the waterproof ring in the top cover is reset, and please tighten the top cover with appropriate force to avoid affecting the waterproof and dustproof effect.
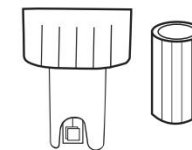
Replace electrode head

1. Pull off the electrode cap directly

2. Unplug the electrode head, do not rotate it to avoid damaging the circuit. 3. Align the two electrode

slots and push the electrode head into the main unit. 4. Tighten the electrode fixing ring by turning

right. 5. Cover the electrode cap.

Note: During installation, please confirm that the waterproof ring in the electrode fixing ring is reset, and please tighten the electrode fixing ring with appropriate force to avoid affecting the waterproof and dustproof effect.

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