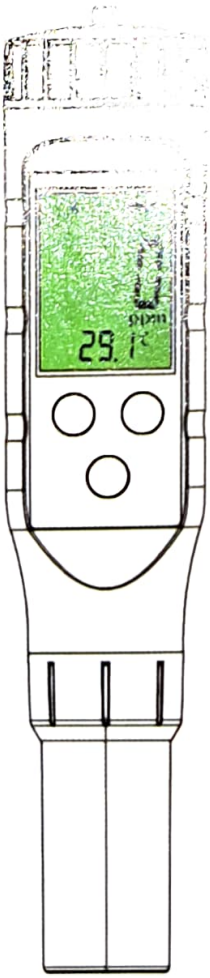
INSTRUCTION MANUAL

YINMIK

BLE-S100

Bluetooth 4 In 1



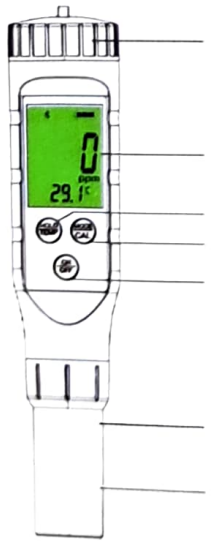
Water Quality Tester

(TDS/EC/Salt/Temp.)

PARAMETER

Product Description		
EC	Range	0-9990μS/cm;10.01-19.90 mS/cm;20.1-200.0 mS/cm
	Resolution	1μS/cm; 0.01mS/cm; 0.1mS/cm
	Accuracy	±2% F.S
TDS	Range	0-9990ppm,10.1-100.0 ppt
	Resolution	1 ppm; 0.1ppt
	Accuracy	±2% F.S.
Salt	Range	0.01-15.00 %; 0-9990 ppm; 10.1-150.0 ppt
	Resolution	0.01 %; 1ppm; 0.1ppt
	Accuracy	±2% F.S.
Temp.	Range	0.1℃-60.0℃; 32.1℉-140.0℉
	Resolution	0.1℃; 0.1℉
	Accuracy	±0.5℃
Calibration	EC/TDS/ Salt	1413μS/cm; 12.88 mS/cm;111.8 mS/cm
TDS Factor	0.3-1.0（Factory Default：0.5）	
EC Temp Compensation	0.1-3.0（Factory Default.2.0）	
Bluetooth	mobile bluetooth 5.2 Version	
Backlights	with backlights, support mobile control	
Data	Save	save as Excel sheet
	Printing	support
Waterproof	IP67	
Battery	3*1.5V (LR44) Low battery indicator	
Dimensions/ Weight	187*37*37mm（7.36*1.46*1.46 in) / 95g	
Electrode	Replaceable	

BUTTON



OPERATION

1. Scan the QR code to download the APP.

"YINMIK"

(IOS) (Android)

Click can switch between Chinese and English.

2. Turn on the meter by pressing "ON/OFF".

3. Put the electrode into the testing solution, Wait until the testing is stabilized.

Press "MODE" button to convert EC, TDS and Salinity Mode.

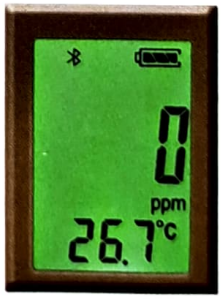
Press "HOLD/TEMP" to HOLD the testing.

Long press "HOLD/TEMP" button to convert temperature between ℃ and℉.

Bluetooth Function:

long press "ON/OFF", will display on the screen. Open the APP, APP will match the meter model automatically.

Press Measure in APP, All testing results (μS/cm/ppm/%/ppt/℃/℉) can be viewed on the APP. Model number display on top of the screen.

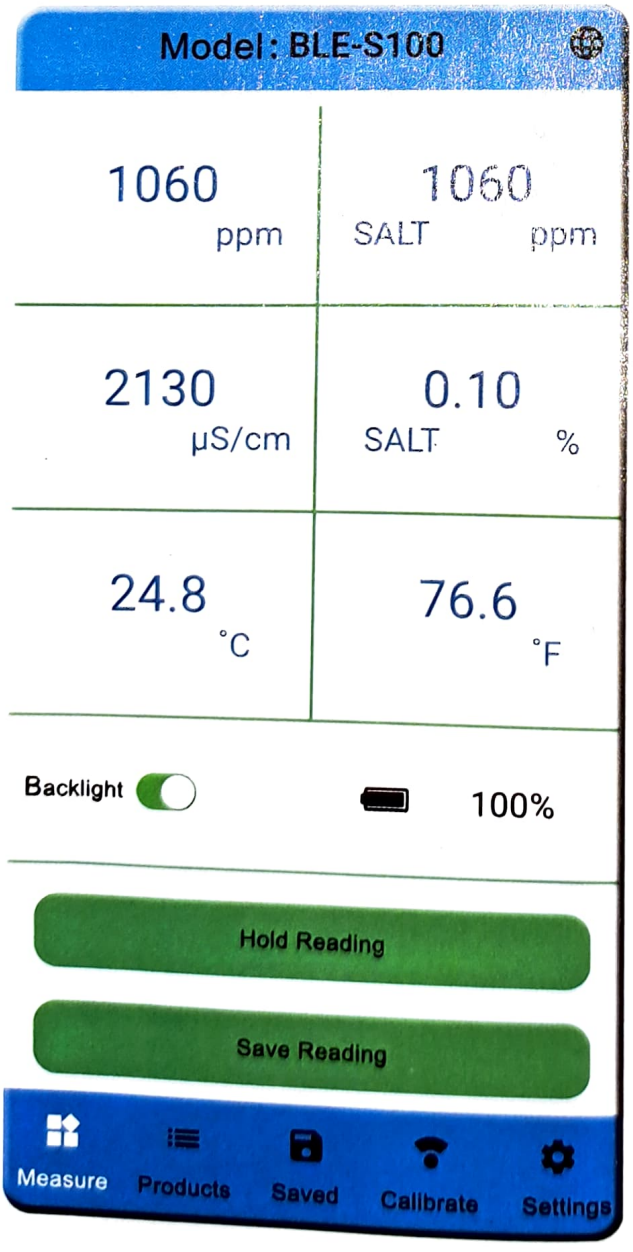


4. Backlight — **Backlight Off**

Backlight — **Backlight On**

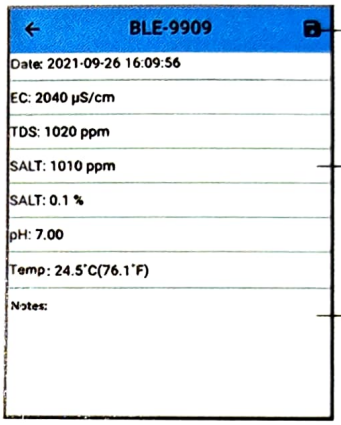
5. 100% — **Battery power**

6. Hold Reading — **Hold reading, H is on the screen.**



7. Save Reading — **Manually save**

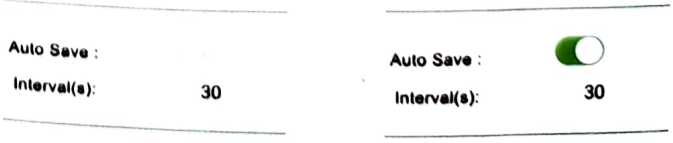
Press to save. Press Saved to view measurement record.



8. Auto Save: — **Auto Save OFF**

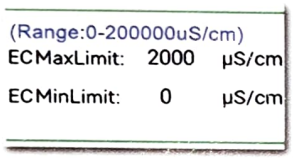
Auto Save: — **Auto Save ON**

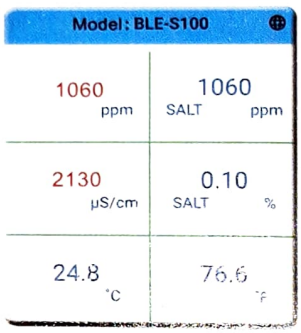
Auto Saved time interval can be set between 30-9999 seconds.



9. Set EC Max or Min Limit values

according to user's requirement. If testing results are out of range, the digits will display in red.



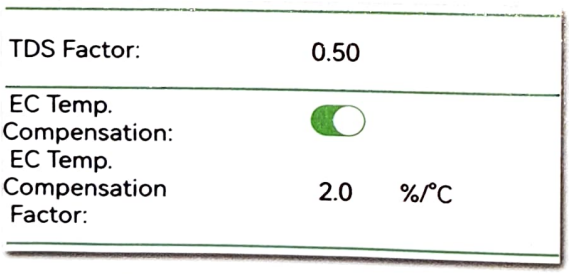


10. Set TDS Factor: Factory default 0.5;

The tds factor of 0.3-1.0 can be set.

Set EC temperature compensation Factor:

Factory default 2.0 %/℃; The EC Temperature factor of 0.1-3.0%/℃ can be set.



11.Save/Share and Print

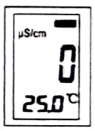
Press Saved to view records. Press Share to share the file. If connect to the printer, the testing records can be printed.

VIEW MORE

Press Products and VIEW MORE..... can find more different models.

TDS/EC/SALT CALIBRATION

1413μS/cm Calibration

- Press MODE/CAL, convert to EC Mode 

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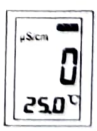
- Put electrode into 1413μS/cm standard solution, wait until the testing is stabilized, press MODE/CAL for 5 seconds, screen displays the testing values. Press up arrow HOLD/TEMP to add digits. Press down arrow MODE/CAL to reduce digits until the showing digit is 1413. Release key.
- 1413 flashes 3 times, finished 1413 calibration.
- Clean electrode with distilled water.

12.88mS/cm Calibration

- Press MODE/CAL, convert to EC Mode 

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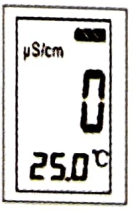
- Put electrode into 12.88mS/cm standard solution, wait until the testing is stabilized, press MODE/CAL for 5 seconds, screen displays the testing values. Press up arrow HOLD/TEMP to add

digits. Press down arrow ▽ MODE CAL to reduce digits until the showing digit is 12.88. Release Key. 12.88 flashes 3 times, finished 12.88 calibration. Clean electrode with distilled water.

Please choose a standard solution which is close to your test solution for EC calibration.

111.8mS/cm Calibration

- Press ▽ MODE CAL, convert to EC Mode 

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- Put electrode into 111.8mS/cm standard solution, wait until the testing is stabilized, press ▽ MODE CAL for 5 seconds, screen displays the testing values. Press up arrow △ HOLD TEMP to add digits. Press down arrow ▽ MODE CAL to reduce digits until the showing digit is 111.8. Release Key.
- 111.8 flashes 3 times, finished 111.8 calibration.
- Clean electrode with distilled water.