

# JLINTEST®

## Pooltester RS-1000

### User Manual



### Starting Guide

Thank you for choosing Pooltester RS-1000. Please read and follow the instructions in the user manual. Failure to do so may result in inaccurate test results.

### Package Contents

- 1 x RS-1000 Analyzer
- 1 x RS-1000 Colorimetric Device
- 10 x Caps
- 10 x Containers
- 1 x User Manual

	<b>On/Off Button:</b> press to turn on and off
	<b>Test/Zero/Confirm Button</b>
	<b>Setting Menu Button</b>
	<b>Return Button:</b> return to previous interface
	Up
	Down
	Containers
	Caps
	Table

### Testing Parameters

Testing Parameters	Range
CYA	0-150 ppm
TCL	0-15 ppm
FCL	0-15 ppm
BR	0-30 ppm
ALK	0-240 ppm
pH	6.4-8.6
TH	0-800 ppm

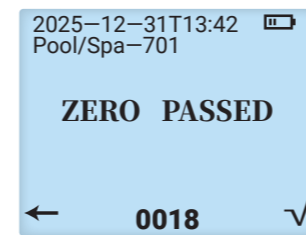
### Important Notes

- 1. Reaction Strip Extraction**  
Always extract it vertically upward from the table, keeping the extraction from tilting it upward or downward.



### 2. Zero Calibration

Perform a zero calibration before each test.



### 3. Water Exposure

Do not immerse the instrument in water. Water damage voids the assurance and may cause irreparable harm.



### Testing Procedures

#### ● Preparations

1. Fully fill each container with water sample.



2. Cap securely: first secure the 1st and last caps, then the middle ones.



3. Shake the capped reaction strip 10 times, turn it upside down, and let it rest in an inverted position for 2 minutes.



2 min



4. Shake it again 10 times, and insert the device, rotate the color roll and read results.

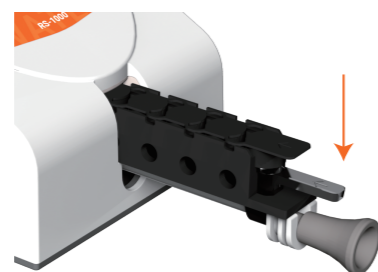
⚠ Clean and dry the outside of container.

2. Pull out the table, place the reaction strip, ensure it completely embedded in the table, then push the table into position.

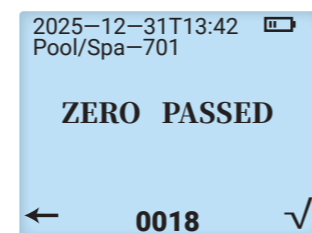


#### ● Testing

1. Press to turn on RS-1000.



3. ZERO  
Press to perform ZERO calibration; Once ZERO is successful, the screen will display "ZERO PASSED".



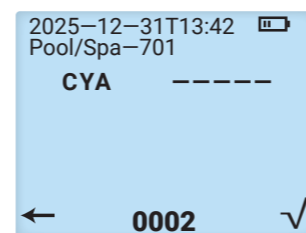
4. One simple pull, one test result.

- 4.1 Gently pull the table until a "click" sound is heard, then stop.

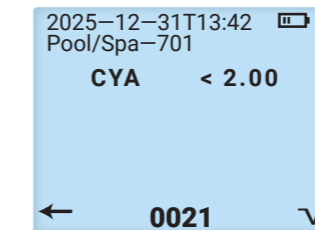


- 4.2 Observe the screen: "----" will appear next to the test item on the screen, indicating that RS-1000 is performing reading and requires waiting.

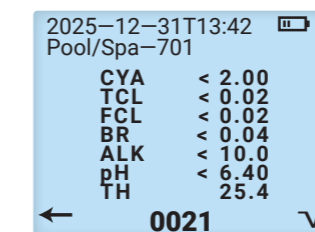
⚠ Do not move or disturb it during this phase.



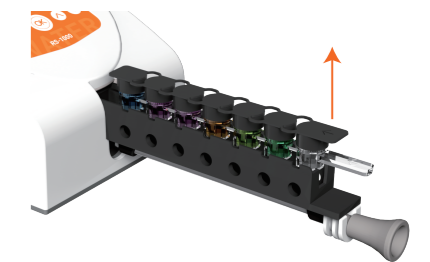
- 4.3 The result of the first parameter (CYA) is clearly displayed on the screen.



- 4.4 Proceed to the next test: repeat step 1 to 3 for each subsequent test parameter in sequence until all tests, finishing with Total Hardness (TH), are completed.



5. After completing the test, simply fully pull out the table, remove the reaction strip, and then push the table back in its position.



6. Press to turn off RS-1000.



## Specifications

Pooltester	RS-1000
Display	62.946*47.202mm, 128*96ppi
Light Source	1 LED
Preset Detection Items	Preset, Automatic Wavelength Selection
Languages	Chinese, English, and Other major languages available
Temperature	Operation: 0 – 50°C Storage: -40 - 60°C
Humidity Range	0–90%RH, non condensation
Communication	Standard USB-C, Optional Low-Power Bluetooth
Calibration	Factory Calibration, Optional Calibration with Standard Parts
Firmware	Upgrade via USB-C Connection to Windows Computer
Software	Windows Portable Mini-Program

Power Supply	USB + DC5V Power Adapter, USB Connected to Computer
Batteries	4 x 1.5V "AA" Batteries
Water proof	Rubber Base, USB Interface Inside Battery Cover, Enclosed Display, Waterproof Buttons
Voltage	Rated Voltage 5V
Auto Shutdown	Automatically shuts down after 5 minutes of inactivity by default
Auto Screen Off	Automatically turns off the screen after 30 seconds of inactivity by default
Data Logger	1000 test results
Certification	FCC, CE, RoHs, EMC
Dimensions	239mm*135mm*116mm
Net Weight	786.2g

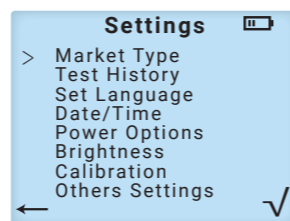
## Settings

Additional functions and settings can be found and accessed in the System Settings.

Settings Items
Market Type
Test History
Set Language
Date/Time
Power Options
Brightness
Calibration
Others Settings

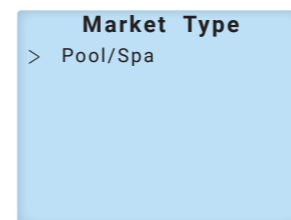
Press the to enter the System Settings interface. In this interface, press and to switch between the settings items.

Press in any System Settings interface to return to the previous screen.

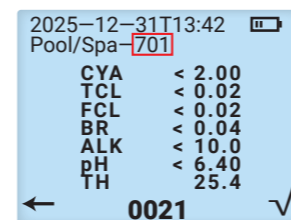
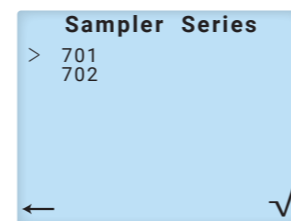


## Market Type

Press to enter "Market Type" and check the market type as "Pool/Spa".

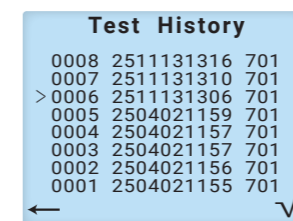


Press to enter the "Sampler Series" interface. In this interface, press and to switch test items, and press to confirm the selected item.

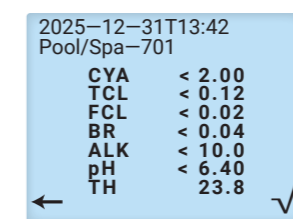


## Test History

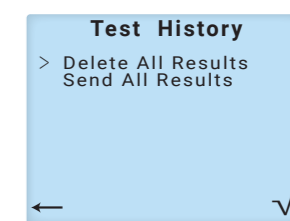
Press to enter the "Test History" interface, and press and to switch records.



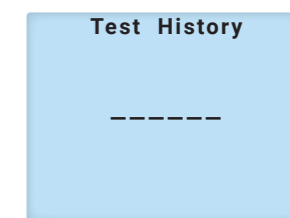
After switching to the record to be viewed, press again to enter the detailed interface of that record.



In the detailed interface of any test record, press again to enter the interface for uploading and deleting all test records.

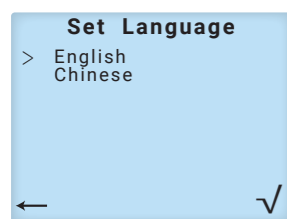


After deleting all records, the screen will display "-----".



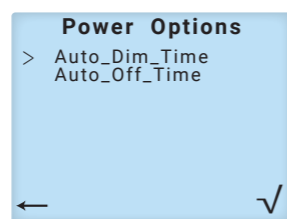
## Set Language

Press to enter the language adjustment settings interface. Press and to adjust to the desired language, then press again to confirm the selected language.

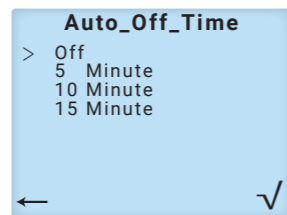
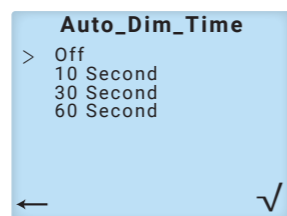


## Power Options

Press to enter the interface shown in "Power Options". Press and to select the option to be set, then press to enter.



Press and to select the desired duration, then press to save.



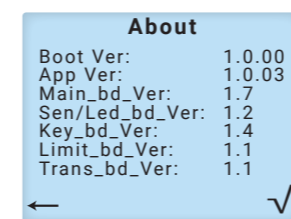
## Brightness

Press to enter the "Brightness" interface. Press and to select the appropriate brightness, then press to save the screen brightness settings.

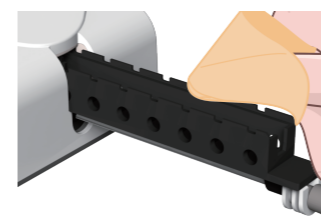


## Others Settings

This item allows viewing instrument-related information. Press to enter the "About" interface to view relevant information.



## Cleaning



After each test, gently wipe the inner of table with a clean, soft tissue to ensure no impurities block the light path.

Visually inspect the interior of the measurement chamber to confirm no impurities block the light path. If impurities are still found, repeat the above cleaning method.

## Error & Proposed Measures

Error	Causes	Measures
INSTRUMENT NOT ZERO!	Not Zero	Push the table back to its position and perform Zero
ZERO FAILED	Optical components malfunctioning or damaged	Please contact our after-sales service team
	Light path in table is blocked	Check and clean table
PUSH TABLE TO THE CORRECT POSITION!	The table is not in its position during zero calibration	Push table back to its position, re-zero, and do tests

### ③ Cover Reset



Note: Incorrect installation of positive/negative poles, or damage to the battery cover or compartment caused by foreign debris ingress or human error, is not covered under warranty.

## Warranty

This instrument to be free of defects in parts and workmanship for 1 year from the date of shipment. This warranty does not apply to defects resulting from action of the user such as misuse, operation outside of specification, improper maintenance or repair.

JILINTEST specifically disclaims any implied warranties or fitness for a specific purpose and will not be liable for any direct, indirect, incidental, or consequential damages.

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## Date/Time

Press to enter the date/time settings interface. Press and to adjust to the desired year, then press the to save (exiting midway will not save changes).

