

Brief User Guide

2nd edition

Liquid Scanner LSR-M2

(Ver. 2.00 -)



Before Use

- This document describes briefly about how to use LSR-M2. Detailed description can be found in the main user manual.
- As LSR-M2 is a precision device, handle with care to avoid excessive vibration or shock on it. The device must be used on a stable flat desk.
- See FAQ in this sheet and main user manual when you find any trouble on the device.

● Bottle Screening >> glass bottles and plastic containers



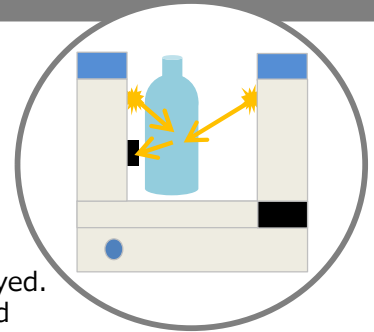
1 Put a target container in touch with the bottle sensor.



2 Adjust the target position and wait until the blue progress bar on the LCD extends up to the right end.



3 The screening result is displayed.
PASS: Detection of safe liquid
ALARM: Detection of hazardous liquid
ALARM, NOT DETECTED: Failed to screen



Good and bad screening for bottles



✓ Good
Light goes through liquid.



✓ Good
Avoid labeled area for screening



✗ bad
Your hand is blocking the sensor



✗ bad
Label is blocking the sensor

● Metallic can screening >> aluminum cans and steel cans



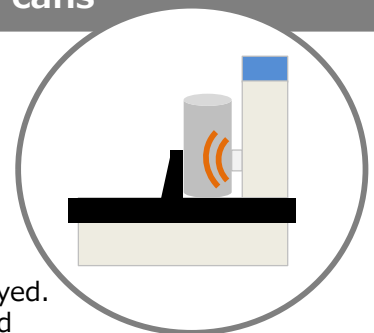
1 Slide the can holder. Then, place a target can.



2 Push the can holder to make a good contact with the sensor.



3 The screening result is displayed.
PASS: Detection of safe liquid
ALARM: Detection of hazardous liquid
ALARM, NOT DETECTED: Failed to screen



Good and bad screening for cans



✓ Good
Set the can and push the can properly



✓ Good
No gap between the can and the sensor



✗ bad
Gap between the can and the sensor



✗ bad
The can is scratching the sensor pad.

■ Start-up



Cap on the bottle sensor.
- Do not rotate.



Press the power button.



Remove the cap when the guidance appears on LCD.
- Do not put anything between two poles after the cap removal.



Input the account information.
This window appears after a user account is added.

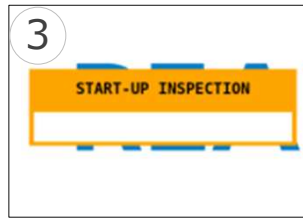
■ Performance check before daily operation



Test a bottle filled with water with the bottle sensor.



Test a metallic can filled with water with the can sensor.



The pop-up window closes automatically when both of checks are successful.

■ Powering off



Press the power button.



Cap on the bottle sensor.
- Do not rotate.



Cover the device after the LEDs of poles turn off.

● FAQ

■ The performance check value exceeds the proper range and the orange pop-up remains on the display.

Bottle screening: Try again with a different angle or position.

Can screening: Try again with a different direction. Push a can holder gently after setting a target can.

- If the check value does not fall within the normal range after several attempts, the device may be broken down.
- The internal overheat may also cause this trouble. Clean up the ventilation grille at the bottom of the device.

■ The indication [LAMP WARNING] is displayed on the LCD and the bottle screening does not complete.

Refreshing the lamp reference can improve this trouble. Refer to [9.2 Lamp Check] in the main user manual.

In case this error appears repeatedly or keeps displaying after the refreshing, the adjustment or replacement of lamps are required. Contact your service dealer.

■ The can screening takes long time or frequently results in indication "ALARM NOT DETECTED".

A dirty or damaged can sensor pad affects the can screening performance. Wipe off the dirt with a moistened soft swab or the like, or replace the sensor pad to a new one. Refer to [9.3 Replacement for can sensor pad] in the main user manual.

■ The LCD stays dark and the device doesn't start up.

Turn off the power and disconnect the AC adapter. Then, reconnect it and restart the system. As the power plug is a locking type, hold the plug and slide it backward straight when you disconnect.

If this trouble occurs repeatedly or the device does not start up, the device may be broke down.

■ The rubber hood affixed on the bottle sensor was dropped off.

Screw the dropped rubber hood.

Contact your service dealer about any other troubles or malfunction.