

LIQUID SCANNER LSR-M2

Liquid Explosive Detection System

RedteQ®

ECAC Approved — Type A and Type B, Standard 3

RedteQ — Kumahira Liquid Screening Systems | **Contact us for more information**

The **LSR-M2** detects explosive and flammable liquids, preventing hazardous materials from being brought into secure areas. Screening is completed in seconds and without opening the container, so security checks can be carried out smoothly and accurately.

Compact, lightweight and simple to operate, the **LSR-M2** can be installed almost anywhere and carried easily between locations — making it well suited to airports, transport hubs, venues and public buildings.

KEY FEATURES

Conformity to ECAC

The LSR-M2 meets the performance of Type A and Type B, Standard 3, as required by ECAC (European Civil Aviation Conference).

Quick and Accurate

Screening time is within 1–4 seconds per container. Liquid security checks are performed smoothly and accurately without opening the container.

Compact and Light

The small body allows the unit to be installed in almost any location and carried easily.

Available for Various Containers

The LSR-M2 can screen many kinds of container, including PET and other plastic bottles, glass bottles, metallic cans, and containers held in a transparent plastic bag.

Interface

The digital signal of the screening result can be output to an external device such as a lamp or buzzer.

Account Management

Account registration for up to 100 users. Access authority can be set individually for each manager and operator.



Illustrations for reference only; specifications subject to change.

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SPECIFICATIONS

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SPECIFICATIONS

AC Adapter (accessory)	Input: AC90V – 240V, 1.35A – 0.53A, 47Hz – 63Hz Output: DC12V 3.75A (45W)
Power Supply	DC12V 2.1A (from AC adapter)
Outside Dimension	W250 x H270 x D260 mm (excluding projections and AC adapter)
Weight	7.2 kg (excluding AC adapter)
Screening Time	1 – 4 seconds (varies with the type of liquid and container)
Object Size	Can: ϕ 40 mm – ϕ 70 mm Bottle: W115 mm max. (hold the liquid portion over the sensors)
Operating Environment	5°C – 40°C (non-condensing)
External Interface	High speed USB 2.0 interface: 1ch Output ports: Port 1, 2, 3 (for screening results)
Conformity Standards	ECAC-CEP: Type A and B, Standard 3 CE, VCCI (Class B)
Patent	Screening technology is a registered patent in Japan and the USA. European patent pending.

Specifications are subject to change without prior notice for modification and/or improvement.

EASY OPERATION



Safe liquid



Hazardous liquid

PASS

Safe liquid

ALARM

Hazardous liquid

WAIT

Under screening

NOT DETECTED

Failed to screen the object

The screening result appears on the display.

TYPICAL APPLICATIONS

- Transportation facilities — airports, ports and rail
- Event sites — music concerts and sporting events
- Cultural facilities — theatres and museums
- Tourist facilities and landmark buildings
- MICE facilities — international conference halls

CONTACT US FOR MORE INFORMATION

For pricing, product demonstrations, site surveys or technical advice on the Kumahira LSR-M2, please contact RedteQ Analytical Ltd on **0800 161 5512** or email info@redteq.com.