

Lumitester Smart & LuciPac A3/Pen



Quick Manual

This Quick Manual is designed so that even first-time users can understand how to use and experience the convenience of Lumitester Smart and LuciPac A3/Pen.

For correct use and precautions of the reagents and product, refer to the relevant manuals.

The instruction manual of the product can be downloaded from the following link:
<http://biochemifa.kikkoman.co.jp/e/support/dl/smart>

Kikkoman Biochemifa Company



Smarter hygiene management using the application

- Connect to smartphone or tablet.
- Use dedicated application "Lumitester".
- The application automatically reflects the inspection result. Past trends can be easily understood as well.
- The test results are saved in cloud storage and can be viewed from multiple smart devices.

1 Package contents



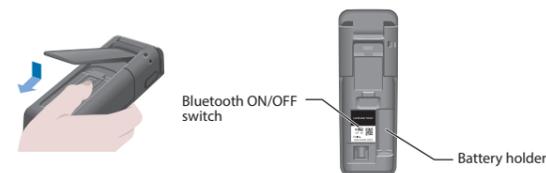
2 Setup

How to insert batteries and switch Bluetooth ON/OFF

Battery holder and Bluetooth ON/OFF switch are located inside the battery cover. The factory shipment setting of the Bluetooth ON/OFF switch is OFF.

To open/close the battery cover

- Press "PUSH" to deploy the stand.
- Press the mark on the battery cover to remove the cover.



- Reattach the battery cover again when the entire operation is completed.

Place the batteries

Insert two new size AA alkaline batteries or two charged size AA nickel-hydrate batteries, paying attention to polarities.



Bluetooth ON/OFF switching

To link the application with a smartphone and/or a tablet, set the Bluetooth ON/OFF switch ON. The Bluetooth ON sign appears on the display unit.



Caution

- Radio frequency bands and communication methods that can be used are defined for each country. In some countries, registration of wireless devices may be mandatory. Refer to the website below for countries where Bluetooth can be used.
<http://biochemifa.kikkoman.co.jp/e/support/dl/smart>
- In a country not listed below, set the Bluetooth switch OFF.
- Bluetooth cannot be used to connect to a PC. Please use the provided USB cable.

This Quick Manual describes the measurement for linking smartphone and/or tablet to the product. Measurement can also be taken using only the product and "LuciPac A3/Pen". For measurement while linking with a PC or measurement using the product alone, refer to the Instruction Manual.

Using the application (for free)



- Download the application with QR code or URL to the smartphone or tablet.
<http://biochemifa.kikkoman.co.jp/e/support/dl/smart>



- Launch the application and follow the instructions on the screen to set up the application.

Initial registration is required when using the application for the first time. Registered users can log in by entering their ID and password.



- When the smart device connection screen appears, turn on the power of the product. If Bluetooth is not ON, set it ON in the setup screen.



- Select the product's serial number on the application screen. It allows automatic synchronization of time and date and timestamping of measurement data.



- When the connection is established, BLE is displayed on the status indicator.
- When the home screen appears, the smartphone/tablet and the product are ready to use.

For details of the application, refer to Help within the application.

3 How to conduct swab test



- Press and hold the product's power button for a while.
 - Launch the application, select the test point, and start measurement.
 - Perform the swab test. (For details of "LuciPac A3/Pen", refer to the operation manual.)
 - Open the measurement chamber cover and place "LuciPac A3/Pen" in the chamber.
 - Close the measurement chamber cover and press START. The measurement starts. The measurement result is displayed after countdown.
 - Remove the "LuciPac A3/Pen" after measurement. When the "LuciPac A3/Pen" tube is not removed from the measurement chamber, the error alarm continues to ring.
- Follow local government regulations when disposing the "LuciPac A3/Pen".

4 Checking result with the application

- The measurement result is automatically sent from the product to smartphone or tablet and is displayed on the test point of the application.
- If a bench mark value is set at the test point, it is possible to immediately determine a pass or fail result.
- Trend chart is automatically displayed on each test point.
- The pass rate and chart for each test point can be checked with the analysis function of the application.

*The application screens are in development.

For details of the application, refer to Help within the application.

5 Precautions for safe and proper use

- This product is designed for ATP Swab Test. Do not use this product for any other use.

Please read carefully for proper usage of the product.

This "Precautions for safe and proper use" section should be read carefully before using the product. The precaution messages listed here relate to important safety issues as well as failures and malfunctions.

- Caution** Failure to properly handle the product may lead to injuries or damages.
- Prohibited** Indicates what must NOT be done when handling the product.

Caution	
<p>Do not disassemble or modify the product. It could cause fire, electric shock, or failure.</p>	<p>Do not touch with wet hands. It could cause electric shock or malfunction.</p>
<p>Do not push nor rub the display and operation panel with hard or sharp objects. It could cause injury or failure.</p>	<p>Do not use batteries other than the specified ones (size AA alkaline batteries or charged size AA nickel-hydrate batteries). It could cause fire, injury, or failure.</p>
<p>Do not apply organic solvent to clean the product. It could cause fire, electric shock, or failure.</p>	<p>Remove the batteries when the product is to be stored for an extended period of time. Failure to do so may cause liquid leak and burst.</p>
<p>Do not use nor store the product in places exposed to direct sunlight, dust, and/or high temperature/humidity. It could cause fire or failure.</p>	<p>Do not place the product in places where the temperature gets high (near the fire, near the heater, or under the scorching sun). It could cause fire, burn, or failure.</p>

6 After-sales service

Warranty

The period of warranty for Lumitester Smart is one year from the date of purchase. However, in EU member states where EU Directive 1999/44/EC is in effect, it is two years from the date of purchase. If a malfunction occurs during the warranty period, we will carry out either a charge-free repair or provide replacement parts. However, compensation is limited to malfunctions arising from defects in the material of this product or in manufacturing. In addition, please be advised that the following are not covered by the warranty even during the compensation period.

- When there is no document or record that can validate the date of purchase.
- Regardless of whether a defect exists or not, the loss of record contents as a result of being unable to display or load to a PC the memory data and settings data.
- Any failure or damage, or any other loss incurred by operating or using the product contrary to what is described in the instruction manual, being careless when using, modifying or any other remodeling of this product, or being affected by a natural disaster beyond human control.

The scope of indemnification for failure of this product is limited to indemnification covered by this warranty section and indemnification of any other loss or damage including indirect or special loss or damage, is not included in the scope of indemnification.

For performance improvement purposes, specifications may change without notice.

Issued by:

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