

LUMINI

User Guide



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About LUMINI

AI Skincare Assistant LUMINI analyzes your whole face in a snap and recommends the best product for you.



Package Contents



LUMINI



Stand

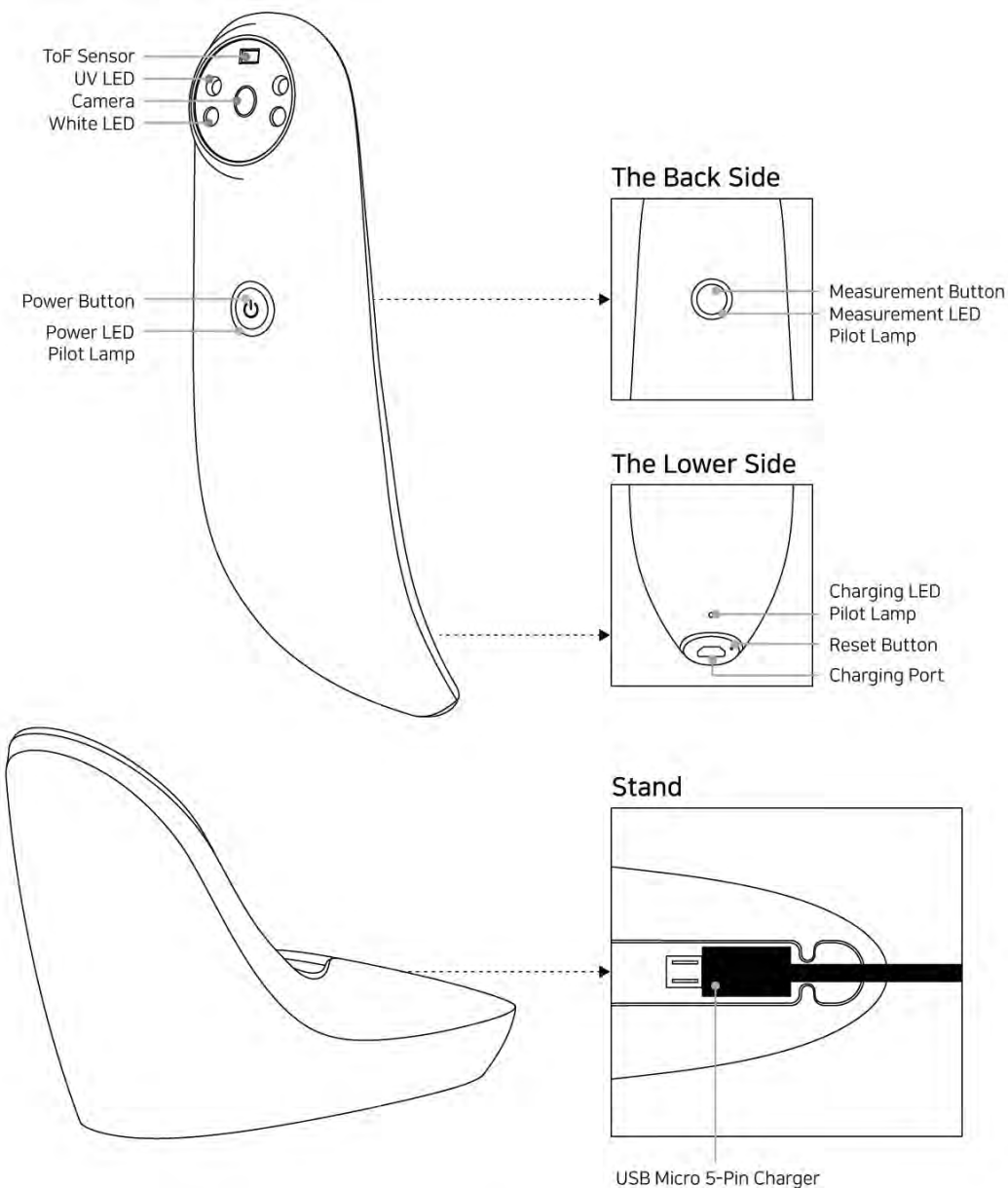


User Guide and Warranty



Charging Adapter and Cable
(Not included, General purpose approved products can be used(5V 2A ↑)

Part Names



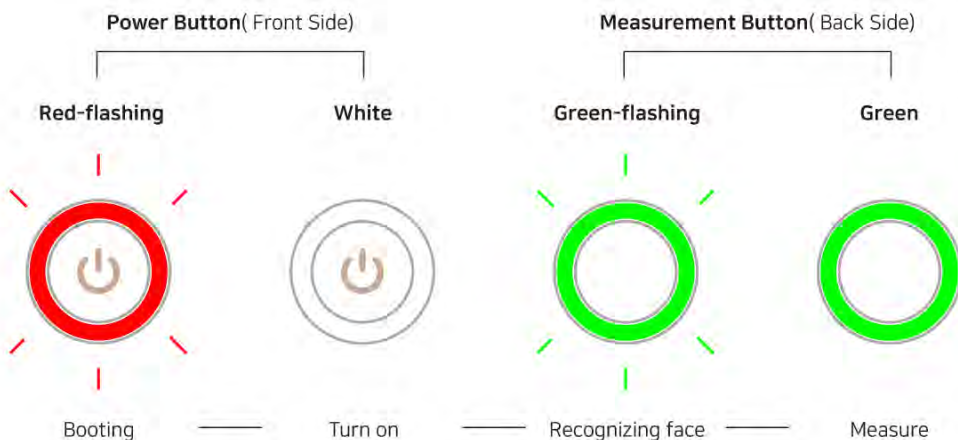
Device Registration

Launch the app > Login > Go to Admin page > Select "Device registration" > Input "Serial Number" > Select "OK"

Use of LUMINI

Please use this product after charge has been fully completed before using it first.

1. Turn on the power by pressing the power on the back side for 2 seconds.
2. If the red LED of this device flashes and turns white, this indicates the state which can connect with the app
3. Connect the device with the app by executing the app.
4. When the measurement starts, the green LED on the back-side flashes, and the device recognizes your face.
5. Adjust your face according to the instructions and press the button when the LED pilot lamp does not flash.
6. In case you no longer use this device, tune off the power by pressing the power on the back side for 5 minutes.



APP Connection

Automatic Connection

1. Please select "Find LUMINI" on the right side of the measurement screen.
2. When the lists of LUMINI which you can connect appear, select the list that you want to connect.
3. When the granting pop-up window appears to allow the app to access to a storage space, press the checking button.
4. When the light side of the measurement screen indicates LUMINI connection, the measurement can process.

Manual Connection

1. Enter 'Settings' of the Tablet PC you want to connect.
2. Select "LUMINI App' on the tab of 'Application'.
3. Enter the entry of 'Permission' to allow 'storage space'.
4. Execute the app of LUMINI and select "Find LUMINI" on the light side of the measurement screen.
5. When the list that you can connect appears, select the LUMINI that you want to connect.
6. When the light side of the measurement screen indicates LUMINI connection, the measurement can process.

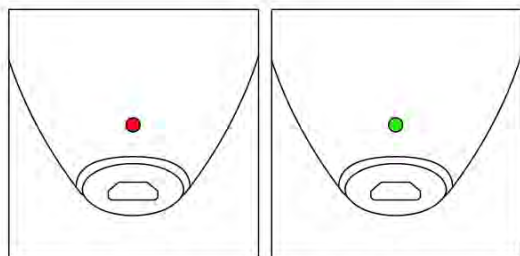
Charging LUMINI

Use this device after it has been fully charged before using it.

1. Connect the USB cable after mounting the device on the charging cradle.
2. Connect the charging adapter to a power outlet.
3. When the battery is fully charged, the battery status LED lamp pilot turns green.
4. You can use this device while charging it.
5. You can use the device during charging it, with the auxiliary battery with the current output of 2A or more of 5V voltage.
6. You should keep the charging cradle and the charging unit of this device free of any moisture (caution).

Checking Charging State

You can check the charging state of the battery through LED lamp unit.



Charging

Fully Charged

1. LED State (Red: it is charging, Green: it has fully charged)
2. Continuous Operation Time after Full Charge: about 100 minutes to 120 minutes
3. Number of Camera Shots after Full Charge: about 30 times to 40 times
4. The continuous operation time can be changed according to the conditions of its operation or the battery.
5. The charging time can be changed according to percentage of battery capacity, ambient temperature or charging conditions.

The Best Measurement Conditions



10 minutes after cleansing

LUMINI can measure your face even with makeup. However, please measure your face after 10 minutes when you cleanse your face for more accurate measurements.



Measurement Interference Elimination

You should measure your face after removal of hats, glasses, and hair that may interfere with the measurement of your entire face.



Lighting Environments

Measure your face in an indoor environment that is not too bright. The lighting environment with too much shadow or light reflection on your face may interfere with the measurement.

In case this product does not work properly:

1. Ensure that the power button is pressed correctly.
2. Charge this device according to the instructions in the Manual.
3. Press and hold the reset button on the side of the charging terminal for 2 seconds.

In case power does not turn on:

1. The battery is discharged. Charge the battery.
2. Connect the charging adapter to the power supply.
3. Make sure the charger is working.
4. Make sure that the battery is charged with the voltage indicated on this device.

In case LUMINI is not connected with the app:

1. Close the app.
2. Refer to page 7 of the Manual to connect the device with the app manually.
3. Turn off Lumini power and turn it on again.
4. Try the connection again.

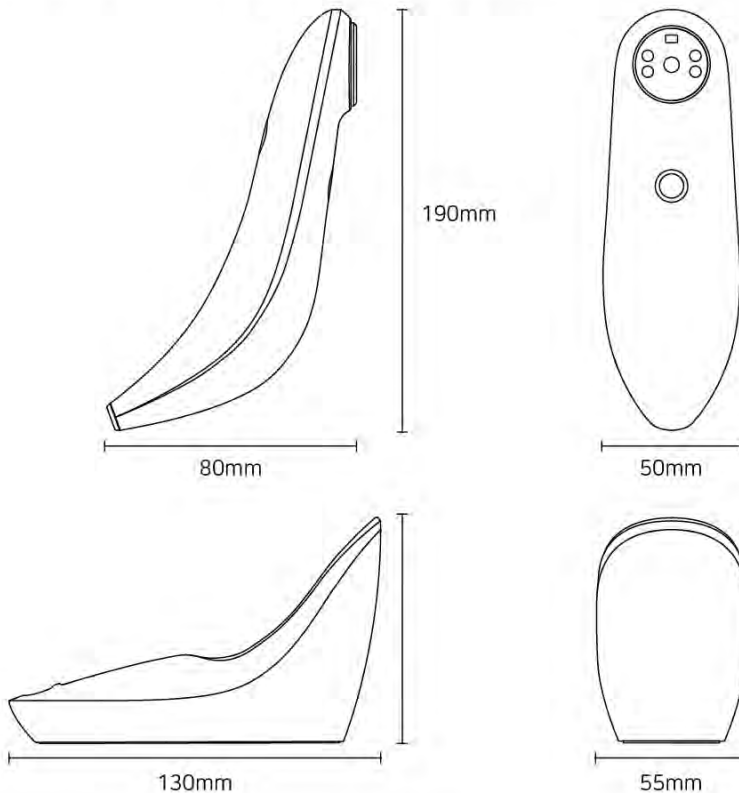
Others

If you have any problem with your device or other problem, please contact the lululab Customer Center and ask any help from our expert.

Product Specifications

Body Size	190 x 80 x 50mm
Stand Size	130 x 85 x 55mm
Adapter Specifications	Sold seperately(5V 2A ↑)
Light source	White LED, UV LED
Operating temperature	0 °C ~ 35 °C
Operating humidity	0 % ~ 90 %
Continuous Use Time	About 100 minutes to 120 minutes
Full Charge Time	Within 3 hours

Design and specifications may be changed without any prior notice.



This product can be used across EU member states. Hereby, lululab Inc. declares that the radio equipment is in compliance with Directive 2014/53/EU.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

WARNING: *This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.*



Warnings and Cautions Related to Adaptor

1. Please exactly insert the charging adapter so that it does not shake. Use only the indicated power and voltage. Unstable connection may cause fire.
2. If any smoke and strange smell comes out, you should stop using it. In this case, immediately turn off the power, unplug the charger adapter and contact the service center. The continued use may cause fire or electric shock.
3. Do not damage, process, bend, twist or heat the charging adapter and USB cable. Damage to the cord may cause fire or electric shock.
4. Do not insert any conductor such as chopsticks into the groove on the other side while the charging adapter is connected to the wall outlet. Also, do not touch the charging adapter immediately after unplugging it from the wall outlet. This may cause electric shock.
5. When unplugging the charging adapter from the wall outlet, pull it out by holding the main body of the adapter. If you pull the cable, it may cause damage or short-circuit.
6. Do not immerse or wash the charging cradle. It may cause fire or electric shock. Wipe with a dry cloth and a tissue.
7. Be sure to use the supplied charging adapter. Using another charging adapter may cause malfunction, and you can't get any support for repairs.
8. Do not use or charge this device on bedding, electric plate, carpet for a long time. This may cause malfunction or fire due to internal temperature rise.
9. Keep the charging cradle and the charging port of this device free from any moisture. Unless you do that, it may cause corrosion of the recharge port.

Warnings and Cautions Related to Product

1. Do not connect the power cord of several products to one outlet at the same time. A fire may occur by overheating.
2. Unplug the power plug when the thunder or lightning strikes. This may cause a fire. When moving the product, unplug the power cord and all cables connected to the product. This may cause fire or electric shock.
3. In order to operate the product smoothly, install it in a place free from electro-magnetic interference.

Warnings and Cautions Related to Battery

1. The explosion of battery is likely to happen if the battery is damaged.
2. Do not shock the product, place it in water, store it in the car for a long time.
3. Do not randomly replace the built-in battery.
4. Risk of explosion may happen if the battery is not replaced correctly. The used batteries should be discontinued according to the Manufacturer Instructions.



Warnings and Cautions Related to Use

1. Do not disassemble, repair or remodel this product. Failure to do so may cause fire, electric shock, or injury.
2. Please note that this product contains magnetic materials, which can negatively affect things such as credit cards and pacemakers.
3. Handle the power plug with a dry hand. Failure to do so may cause electric shock.
4. Do not drop or shake this product.
5. Keep away from strong vibrations or magnet types.
6. When removing the cable plugged into the main body, be sure to pull out the end of the cable, and not to hold the line of the cable. Failure to do so may result in injury or damage to the device.
7. Be careful when transporting the product. There is a risk of injury from falling.
8. Be careful when using in a dry environment. Use in a dry environment can cause static electricity. Using the product after touching metal objects can prevent static electricity.
9. Do not get close to fire.
10. Do not use or store flammable materials near the product. This may result in explosion or fire.
11. Do not use a product that uses high-voltage electricity on the side of the product (such as electric fly swatter). This product may be damaged by electric shock.
12. For safety, make sure you close your eyes and shoot your skin as strong LED lights shine during measurement.



(X)



(O)



Warnings and Cautions Related to Storage

1. Avoid direct sunlight or heat sources such as heating appliances. There is a risk of fire.
2. Be careful not to be exposed to direct sunlight in an enclosed car. Do not store in places where the temperature is too high (over 40 degrees), low places (below 0 degrees), or where there is a lot of dust (do not store the product in high temperature / low temperature and high humidity).
3. Do not store the product in places where heat is generated, such as electric heaters. It may cause fire and or failure.
4. Do not install the product in a place with high humidity, dust, or soot. It may cause fire or electric shock.

Storage and Maintenance of Product

1. Do not drop the charging adapter in a drain or sink, and do not place it in a place where it can be hit by water or other liquids. Do not use the recharge adapter during the shower or immerse it in water.
2. Care should be taken to prevent children from using the product.
3. Keep cables away from flammable materials.
4. Do not use the charging adapter outdoors.
5. Use only the supplied charging adapter and accessories.
6. If you do not use it for a long time, charge the battery at least once every 3 months to maintain battery life.
7. Do not pierce the product with sharp metal objects such as keys, hairpins, necklaces, or nails.
8. Please keep in original packing carton. If you need to transport the product, please repack it in the original carton box.
9. Do not place volatile liquids such as insecticides.
10. Wiping the product surface hard can damage the product.
11. Do not place plastic products or rubber on the product for a long time.
12. To clean the product, use a soft, dry cloth. If the surface is too dirty, use a soft cloth with a little detergent or water.
13. Do not use strong chemicals such as alcohol, benzene or thinner as they may deteriorate the surface.
14. Do not put the product in dishwasher, oven, washing machine.

In case you want to reduce risk of injuries

1. If you are currently under treatment for dermatologic conditions or have any abnormal skin condition, please consult with a dermatologist before using the device.
2. For allergies and sensitive skin, please consult your dermatologist before using this device.
3. Do not use the device for any purpose other than those described in the Manual.
4. Do not use this device while driving or walking.
5. Do not use this device when wearing a pacemaker, implanting a medical device, or wearing a metal prosthetic device.
6. Do not look directly at the LED light during shooting. Exposure to light may cause eye damage.
7. Do not use the device for a long time because it may cause a low temperature burn when used for a long time.

Product Warranty

We, lululab, guarantee the product according to the Consumer Dispute Resolution Standards (Notice of Fair Trade Committee or FTC). In case the product malfunctions, please contact the place of purchase or the phone number, 02-597-0502. The compensation will be notified within 7 days from the date of claim, and the compensation will be made within 14 days from the date of notification. After replacing or repairing any trouble part, the defective parts are collected in order to prevent re-use and to ensure the safety of all parts.

Product Name		Model Name	LUMINI
Date of Purchase	20	Serial No.	
Place of Purchase		Retail Price	

1. Free Warranty Period: 1 year
2. Built-in Battery Free Warranty Period: 6 months
3. Purchase date Main Parts Retention Period: 6 years
4. Please keep this Warranty, which shows the date of purchase, as you should show it to get sufficient service when you ask for any repair.
5. The free warranty for this product is covered by the terms and conditions described in the Warranty.
6. The free warranty period is calculated from the date of purchase.
7. This Warranty will not be reissued.
8. In case of supply date under a separate contract, the warranty conditions are applied according to the main contract.

Responsibilities and Obligations for Service to Pay (customer charge)

*Customers shall charge as following cases even during service period:

1. In case any malfunction happens by putting foreign matter (such as water, drink, coffee, toy, etc.) in the product
2. In case the product is damaged or malfunctioned by drop or impact;
3. In case appearance is damaged or deformed by organic solvent such as thinner or benzene;
4. In case the product breaks down using non-genuine parts or consumables;
5. In case the product is faulty due to wrong voltage applied by customers;
6. In case the parts are lost or damaged as clients disassemble the product;
7. In case any malfunction occurs as a person who is not a service technician repairs or remodels the product;
8. In case any malfunction occurs due to natural disasters (lightning, fire, flood, gas, salt, earthquake, etc.);
9. If any malfunction occurs due to failure to observe the "Precautions for Use" described in the Manual (if you observe the "Precautions for Use" properly, you can longer use the product);
10. In case of product failure due to other customer negligence;
11. In case customers request the installation of the product due to moving, etc.;
12. In case of re-installation after installation when customer ask;
13. In case customers additionally ask to install the product after the installation of purchase;
14. In case of Re-installation with customer request.

Consumer Damage Type		Compensation	
		Within Warranty Period	After Warranty Period
In case of malfunction or failure occurring naturally in normal use condition	In case critical repairs are required within 10 days of purchase	Product Exchange or Purchase Price Refund	Paid Repair
	In case critical parts need to be repaired within one month of purchase	Product Exchange or Free Repair	
	In case the replaced product requires major repairs within one month	Refund of Purchase Price	
	In case it is not exchangeable		
	In case a fault occurs	Free Repair	
	In case it has several times to be repaired for the same fault but the failure reoccurs (3rd)	Product Exchange or Purchase Price Refund	
	In case it has 4 times to be repaired in total due to various faults, but the failure reoccurs (5th)		
	In case it is unrepairable		
	In case the operator lost the product requested by the customer for repair, or if it is not delivered for more than 1 month	Product Exchange or Purchase Price Refund	Refund of 10% to the Depreciation Amount
	In case repair is not possible because the operator does not have repair parts		Refund of 5% of Purchase Price to the Depreciation Amount
In case any damage happens during shipment and product installation when purchasing the product	Product Exchange	-	
Performance Malfunction and Functional Failure by customer's intentional negligence	In case repair is possible	Paid Repair	Paid Repair
	In case repair is not possible	Replacement of Product after Collecting Money Corresponding to Paid Repair	-
<ul style="list-style-type: none"> - In case any malfunction occurs due to natural disasters (fire, salt, gas, earthquake, wind, water, lightning, etc.) - In case there is a malfunction due to the power supply failure or the faulty connection equipment - In case a malfunction due to repairs or modifications not made at the lululab Service Center or an authorized service center - In case replacing consumable parts that are normally generated in use - In case of external cause other than defects of other products 		Paid Repair	Paid Repair

- If the product does not malfunction, it may incur a service charge. Please read the Manual.
- Replacement parts may be replaced with original parts or manufacturer's parts and may not be new parts, but normally functioning and functionally equivalent parts are used. Some of the components used in the product may be manufactured in countries other than the country of manufacture.