

UV Activator

Product Manual

DIO IMPLANT

Contents

- 01** Components
- 02** Specifications
- 03** Preparations
- 04** Precautions
- 05** Product Image
- 06** Control Panel
- 07** How to Use
- 08** Storage After Use
- 09** Error Messages
- 10** Troubleshooting – Check Before
Calling
- 11** Service Center

01 Components

UV Activator is a device used for the purpose of disinfecting and adding hydrophilic property to medical devices like implant using UV rays.



△ Body



Power adaptor



Power
cable



△ Product Manual

02 Specifications

- ① Dimensions: 261W X 180D X 348H
- ② Rated voltage: Input 100-240V Output DC 24V 160W DC Adaptor
- ③ Power consumption: Max. 150W
- ④ Frequency: Max. 8MHz
- ⑤ UV lamp spec: UVC 172nm
- ⑥ Weight: About 6kg
- ⑦ Ozone generation: 0.05ppm or below
- ⑧ Recommended operating temperature range: 15°C ~ 30°C
- ⑨ Storage temperature range: -40°C ~ 60°C
- ⑩ Recommended operating humidity range: 20~80%RH
- ⑪ RFID specification
 - Operation frequency: 13.56MHz
 - Transfer rate: 424Kbits/s
 - Modulation type: ASK
 - Antenna type: Integral PCB Antenna
 - Antenna gain: 0dBi
 - Power supply: DC 5V

03 Preparations

- ① Make sure to check that all components are ready.
- ② Avoid direct sunlight and install in a firm and flat place.
- ③ Install in a well-ventilated place.
- ④ Understand the method of use before operating the device.
- ⑤ Check rated voltage and recheck connection of the power cable.
- ⑥ Do not use mobile phones or portable telecommunication devices that irradiate electromagnetic waves near this device.
- ⑦ Do not touch the power plug using wet hands, as doing so can cause accidents like electric shock.

04 Precautions

- ① Read and understand User Manual before using.
- ② Install in a well-ventilated place.
- ③ Do not install on a non-flat or inclined floor. Such floor can cause the product to fall over and get damaged.
- ④ Do not relocate the device during operation.
- ⑤ Never put a heavy object on the body.
- ⑥ Do not insert foreign matters and metal wires into the device as they can cause failure or electric shock.
- ⑦ Do not use for unintended purposes.
- ⑧ If ozone leaks, ventilate immediately and avoid getting exposed to ozone.
- ⑨ If smoke or burning smell is generated, there is risk of fire and electric shock. Remove the power cable and stop operating.
- ⑩ Do not bend or tie the power cable. If the power cable is damaged, make sure to contact our company to exchange it.
- ⑪ Do not disassemble or alter the device at your discretion. Product warranty does not apply to disassembled and altered products.
- ⑫ Do not forcibly open the top door or let foreign matters get into the lamp.
- ⑬ Do not use an adaptor other than the one provided with the device.
- ⑭ This device was not designed to be used by a person with physical, sensual or mental disability or who cannot use the device safely without supervision due to the lack of experience and knowledge (including children).

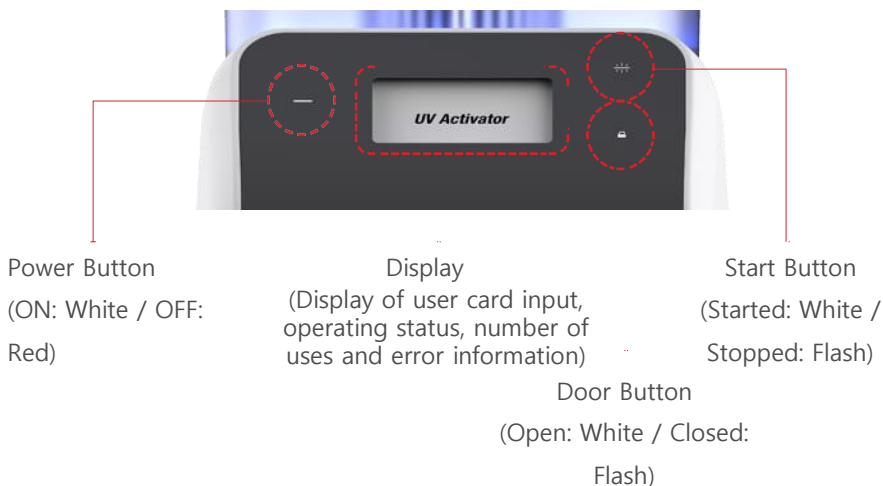
05 Product Image





Adaptor connector

06 Control Panel



07 How to Use

- ① Insert the power adaptor into the inlet socket on the back of the body, and insert the power plug into the 220V outlet.
- ② Check that the user card has been inserted into the card slot. The device cannot be operated without a user card.



- ③ Press the power button "—" to release the standby state. The LCD screen will be turned ON with a ringing sound.



- ④ Check the number of uses at the bottom right corner. (Left)
Remaining count / (Right)
Cumulative count
- ⑤ Press the door button "🔒" to open the top door.



- ⑥ Insert the object to be irradiated.
- ⑦ Press the start button "☀️". If the object is jammed by incorrectly pressing the door button "🔒", press the door button "🔒" again to open the door and then press the start button "☀️".



- ⑧ After UV irradiation, the top door opens automatically. Take the object out.
- ⑨ To repeat the work, repeat steps ⑥, ⑦ and ⑧.
- ⑩ When the device is not in use, touch the door button "🔒" to close the top door or press the power button "—" to turn LED OFF and close the top door.
- ⑪ To reuse the device, press the door button "🔒" to open the door and repeat steps ⑥, ⑦ and ⑧.
- ⑫ If not using the device for long time, press the left power button "—" and remove the power adaptor from the body. Pull the external black plastic part of the adaptor to remove it.

Connecting



Separating



After separating



08 Storage After Use

- ① Ventilate the area after using the product.
- ② When not in use, make sure to shut power OFF for safety.
- ③ Store in a place that is free of adverse effects from air pressure, temperature, humidity, ventilation, sunlight, dust, salt and air containing ions.
- ④ Be careful about safety such as inclination, vibration and shock.
- ⑤ Do not store in a place with chemicals and gases.
- ⑥ Keep the power cable and connection terminals clean and neat.
- ⑦ Keep away from persons who can arouse malfunctioning of the product.
- ⑧ Keep the surroundings clean. Water cleaning is prohibited as it can cause accidents like electric leakage and fire. We recommend using a soft cloth.

09 Error Messages

E1: Power Supply or Lamp Error

E2: Transport Motor

Error E3: Door Motor

Error

E4: Suction Motor

Error

E5: Cooling Fan Error

E6: Top Door Error

※ If the errors above occur, contact our service center for repair or exchange.

10 Troubleshooting Check Before Calling

- ① If power does not turn ON, check removal of the power plug.
- ② Contact our service center if the product cannot be operated. If it malfunctions, remove and reconnect the power plug to try again. If the same trouble continues, contact our service center.
- ③ If an odor persists, contact our service center.

11 Service Center

Please call the number below if there is a problem in the product.

051-745-7777

memo

FCC Statement:

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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. 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:

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

• FCC ID: 2AT9P-UVACT02

UV Activator