

 TRIUM

User Manual



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1. Product Overview

A. Shape and Structure : How It Works



This product is a skin care device with three modes.

B. Shape and structure : Appearance and Dimensions

	
Front	Rear
	
Left side	Right side

C. Product appearance description

1). Machine body

a). Front		No.	Name	Description.
	1	Ultrasonic handpiece holder	Mount the ultrasonic handpiece	
	2	Laser handpiece holder	Mount the Laser handpiece	
	3	Spray Handpiece holder	Mount the Spray handpiece	
	4	Distilled water inlet/outlet	Distilled water in/out	
	5	Display	Set the desired procedure mode and output environment for the user	
	6	Power Button	Turn the unit on/off	
b). Back		No.	Name	Description.
	1	Exhaust Vent	Prevent dust from entering the unit	
	2	Ultrasonic handpiece connector	Connect the ultrasonic handpiece	
	3	Laser handpiece connector	Connect the laser handpiece	
	4	Laser foot switch connector	Connect the foot switch	
	5	Spray handpiece connector	Connect the spray handpiece	
	6	Power input socket	Connect the power cord to power the input	

2). Component

		
Ultrasonic handpiece	Laser handpiece	Spray mode handpiece
		
Laser handpiece tip ER F/Z	Foot switch	Power cords
Eye protector for patients		

2. Product Attributes

A. Performance

Ultrasonic Mode	Ultrasonic frequency	1, 3, 10, 18 MHz ($\pm 1\%$)
Laser Mode	Laser Type	Er:YAG
	Laser wavelength	2940 nm ($\pm 1\%$)
	Laser Repeat	1 to 5 Hz
	Laser Class	Class 1
	Laser Level Range	1 to 5 Level
	Laser Power Range	100 to 280 mJ ($\pm 20\%$)
Injection Mode		

(Optional) Laser Mode N Laser

B. Electrical Rating

Rated voltage	AC 220V
Frequency	50/60 Hz
Power consumption	1KA

C. Safeguards

STANDBY button	The STANDBY button must be pressed to convert it to READY before it can be used.
Behavior switch	The handpiece must be pressed in the READY state to output.
Foot switch	Laser mode) Press the footswitch in the READY state to output the laser.

La. How It Work

Power	Power supply: AC220V power is supplied. SMPS: It converts the voltage of the input AC220V to the voltage required for each component and supplies the power to the Control PCB and Monitor Controller (Board).
Control	Control PCB: Input/output control of signals, input/output of Monitor Controller, etc. control functions.
Display	Display : Procedure entered by user by 10.4 inch touch controller method Send the settings to the Control PCB.
Mounting	Handpiece: Pass the value output from the device itself.


3. How to Use the Product (Operating Instructions)

A. Preparation before use

- 1) Make sure you know how to use your device.
- 2) Be sure to check your device's safety features.
- 3) Make sure the main unit and each component is in good condition.

B. Ready to use

- 1). Attach each component to the connector on the back of the machine.

	Connector Location		Components
	②	Ultrasonic handpiece connector	Ultrasound handpiece
	③	Laser handpiece connector	Laser handpiece
	④	Laser foot switch connector	Laser foot switch
	⑤	Spray handpiece connector	Spray handpiece
	⑥	Power input socket	Power cords

- 2) Turn the power switch of the power socket ⑥ on the back of the device to ON.

- 3) Power on the device by pressing the power switch on the front of the device.



C. Display settings

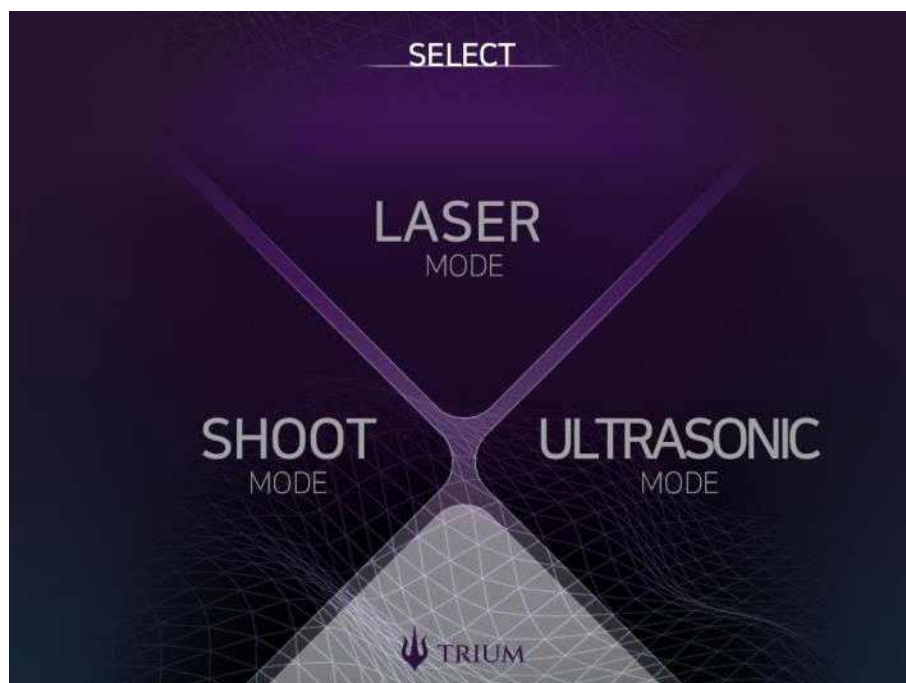
1) Loading Screen

When the device is powered on, the loading screen - System Check starts.



2) Mode selection screen








You can choose any of the three modes.



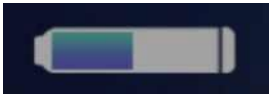

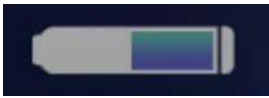







3) Procedure Mode

SHOOT MODE

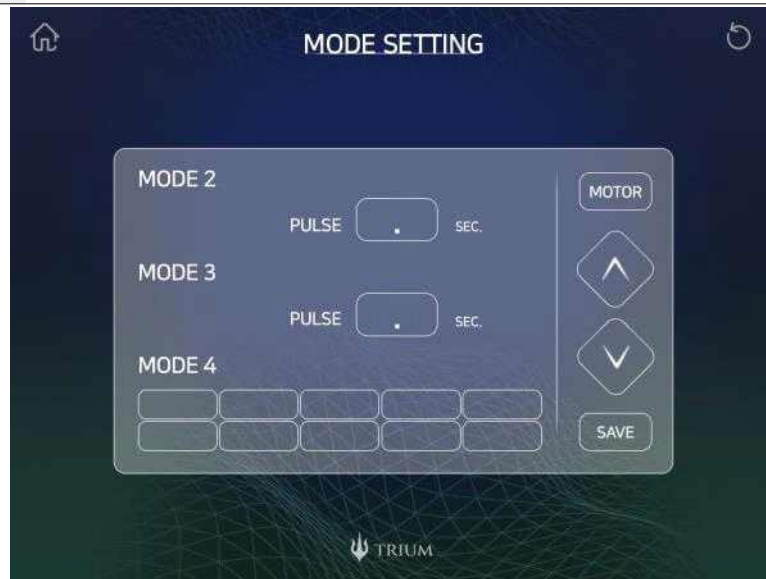









No.	Name		Description.
1	HOME		Return to the mode selection screen.
2	MODE SETTING		Go to the MODE SETTING screen - Setting the Wind ON/OFF Interval for MODE 2 through 4 - Manually adjusting the starting height of the motorized light in the handpiece
3	SETTING		Go to the preferences screen where you can adjust screen brightness, sound, and beef type
4	Select MODE		Spraying continuously without pulsing
			Pulse injection mode default : 0.3sec
			Pulse injection mode default : 0.1sec
			Injection Compound Mode You can apply any combination of injection modes you want.

5	Select a solution		Fully loaded and exhausted mode The duration of the treatment can be changed by the user. 
			Equipped with a full bottle, half-full mode treatment time is 5 minutes and cannot be changed 
			Equip a bottle that is only half full of its total capacity, and fill the remaining capacity with the Exhaust mode The duration of the procedure is 5 minutes and cannot be changed 
6	TIME		You can see the remaining procedure time.
7	RESET		Changing the height of the motor column inside the handpiece to its original position (procedure preparation stage) and evacuating residual air inside the device
8	TEMP.		Displays the machine temperature, and if it exceeds the set temperature value, the thermometer color turns yellow and the machine stops.
9	STANDBY / READY		After setting the handpiece and procedure settings, press the STANDBY button to switch to the READY screen to start the procedure. (The handpiece must be finally pressed to start the procedure (spraying))

3) Procedure Mode

SHOOT MODE_ SHOOT MODE Settings page








No.	Name		Description.
1	HOME		Return to the mode selection screen.
2	RETURN		Return to the Injection Mode page
3			Adjust the pulse time of the blast mode_ MODE 2
4			Adjust the pulse time of the jet mode_ MODE 3
5			Injection Mode_ MODE 4 If the total of the five columns adds up to 10 minutes, then MODE 1 through 4 can be configured in any combination desired by the practitioner.
6	MOTOR		Click the Motor button to press the UP and DOWN keys. Currently, you can adjust the height of the motor rods inside the handpiece.
7	SAVE		When you have finished setting the spray mode, click the SAVE button to save the value.



3) Procedure Mode

LASER MODE

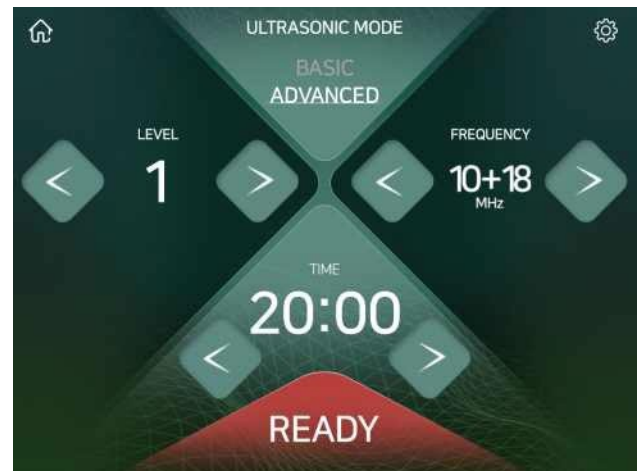









No.	Name		Description.
1	HOME		Return to the mode selection screen.
2	SETTING		Go to the preferences screen where you can Adjust screen brightness, sound and beef type.
3	Select BASIC ADVANCED		BASIC: Select the value set by the handpiece tip ADVANCED: The practitioner selects the desired procedure value by hand
4	COUNT		Display the current procedure count
5	Total COUNT		Shows the cumulative count of the handpiece you are currently using
6	STANDBY / READY		After setting the handpiece and procedure settings, press the STANDBY button to switch to the READY screen to start the procedure. (You must finally press the footswitch to start the procedure).

Operating Guide

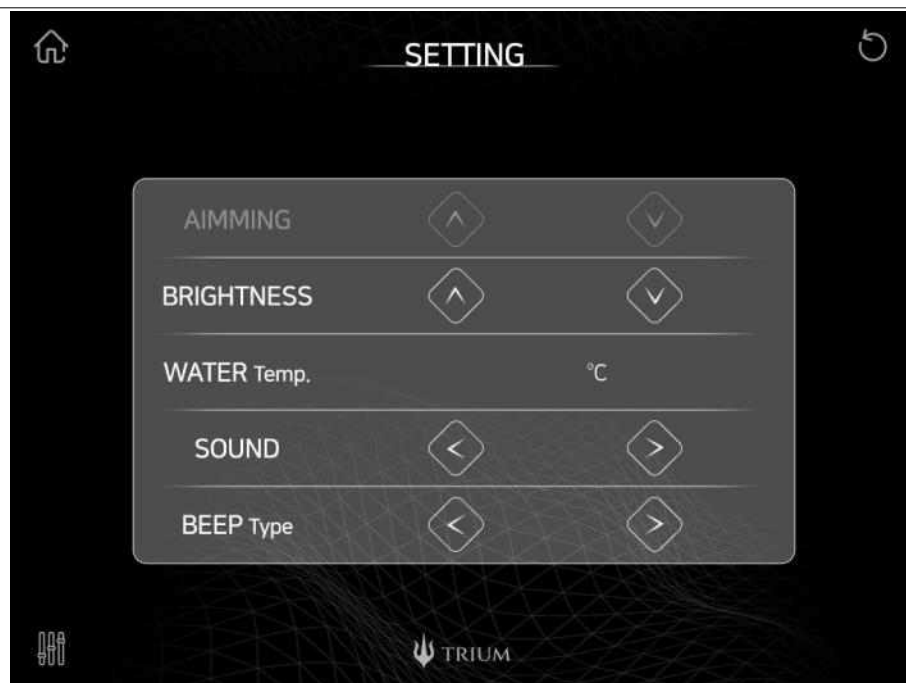
laser mode_basic	No.	Name	Description.
	1	H.P TIP	Tips attached to the handpiece are automatically recognized and displayed
	2	LEVEL	Select stored values per handpiece tip Level1 to 5
laser mode_advanced	No.	Name	Description.
	1	FREQ.	Set the Frequency 1 to 5 Hz
	2	LEVEL	Select stored values per handpiece tip Level1 to 5
	3	H.P TIP	Tips attached to the handpiece are automatically recognized and displayed



3) Procedure Mode **Ultrasonic mode**



No.	Name		Description.
1	HOME		Return to the mode selection screen.
2	SETTING		Go to the preferences screen where you can adjust screen brightness, sound, and beef type
3	Select BASIC ADVANCED		BASIC: Set value by FACE/BODY ADVANCED: The practitioner selects the desired procedure values themselves
4	TIME		You can see the remaining procedure time.
5	STANDBY / READY		After setting the handpiece and procedure settings, press the STANDBY button to switch to the READY screen to start the procedure.
6	<Advanced > level		Set Level Level 1 to 10
7	<advanced > freq.		Set Frequency 1, 3, 10, 18, 3+10, 3+18, 10+18 Hz

4) SETTING Click SETTING on the top right corner of each procedure mode to go to the SETTING screen



No.	Name		Description.
1	HOME		Return to the mode selection screen.
2	BACK		Return to the Procedure Mode screen.
3	BRIGHTNESS		Adjust screen brightness
4	WATER TEMP.		Display the temperature of the distilled water inside the instrument
5	SOUND		Set instrument sounds ON/OFF
6	BEEP TYPE		Set the BEEP SOUND TYPE TYPEA / TYPEB

I. Storage and care after use

- 1) Turn the power buttons on the front and rear of the machine to OFF to stop machine operation.
- 2) After each use, wipe each handpiece dry with a soft cloth and store it in the handpiece holder.
- 3) If you suspect that there is a problem with the operation of this product or that it may be malfunctioning, do not attempt to disassemble or disconnect it, and refer it to the manufacturer.

4. Caveats

A. Caveats

- 1) Read the user manual carefully before using this device.
- 2) Do not use it for any other purpose.
- 3) If a power outage occurs during use, immediately turn off the power switch and remove the power cord from the outlet.
- 4) Be careful not to drop the product from a height.
- 5) Check the power rating before using.
- 6) If you have any questions outside of the user manual, be sure to check with your retailer or after-sales service center before using the product.
- 7) Do not use multiple power cords plugged into one outlet. (this can cause a fire due to overheating).
- 8) Do not install the product on an inclined surface or in a location that is prone to shaking or subject to severe vibration. (Use the product on a level surface.)
- 9) Ground the device's power cord and equipment body when installing.
- 10) Please do not use parts not supplied by us.
- 11) Do not disassemble the body of the device without authorization from Headquarters (there may be a risk of electric shock and other hazards).
- 12) In the event of an emergency while operating the device, turn it off and seek professional assistance.
- 13) If an alarm (abnormal noise) or error occurs during operation, turn off the instrument and seek professional assistance.
- 14) Maintain the proper temperature and humidity in the room where you use and store your device.

B. Precautions for use of the product

- 1). Interaction
 - a). Please be careful not to combine with other devices as it may cause danger.
 - b). Avoid excessive shock to the device.
 - c). Do not use makeup containing fine powder when using the device.
- 2). User-specific precautions
 - a). Do not allow children to use it.
- 3). Application cautions
 - a). If you experience any medical condition, discontinue use immediately and consult a physician.
- 4). Storage conditions (storage method)
 - a). Store in a place away from water.
 - b). Keep away from dust and moisture.
 - c). Store with care in safe conditions, such as inclination, vibration, shock (including during transportation).
 - d). Do not store in a place where chemicals are stored or where gases are generated.
 - e). Store in a place that is not exposed to direct sunlight.

5) Environmental Conditions

- a). Operating: Temperature (10°C ~ 25°C) / Humidity (20% ~ 70%)
- b). Storage: Temperature (-10°C ~ 60°C) / Humidity (10% ~ 90%)

6) What you need to prevent safety incidents

- a). If you notice any malfunction of the device, stop using it immediately and contact our after-sales service center.
- b). Do not pull the power cord to unplug the device.
- c). Do not tamper with your device.
- d). When using the device for the first time or reusing a device that has not been used for a while, check its cleanliness and operation before use.
- c). Do not use defective power cords and wires.
- d). If water or other liquid enters the unit, have the unit serviced before use.

5. Product Warranty

Certificate of Quality

1. This product has undergone a rigorous quality control and inspection process.
2. If something goes wrong with this product, you can get free A/S for one year.
3. A/S costs will be charged even within the free warranty period in the following cases:
 - ▶ You don't provide a warranty, or the warranty is incomplete or has been changed.
 - ▶ In case of failure or damage caused by natural disasters such as fire, earthquake, water damage, pollution, or power supply (voltage, frequency) other than specified.
 - ▶ If there are failures and damages caused by the customer's carelessness (excessive transportation and operation of the product).
 - ▶ If the malfunction occurs due to repair by someone other than our after-sales service personnel.

Product name		Beauty devices	Warranty period	* Products: 1 year from date of purchase		
Model Name		TRIUM	Customer	Company name (Name)		
Safety Certification Number		R-R-JTs-TRIUM		Business license number		
Date of manufacture				Address		
Article number						
Purchase days						
Place of Purchase	Company name			Phone	Tel:	
	Tel				Fax:	
	H.P					

* Note *

- Be sure to present your warranty card when repairs are needed.
- Keep your warranty card because we don't reissue them.
- This warranty is valid for domestic use only.

A/S Center : Tel.



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