

CELLOPLARF

Plasma Rejuvenation with RF



BIOSHINE CELLOPLARF
User's Manual

CELLOPLARF

User's Manual

CELLOPLARF User Manual by BIOSHINE
Published 2019

Copyright © by BIOSHINE Co., Ltd.
All Rights Reserved.

Before you start

- Please read all safety precautions and this manual carefully before using your device for your safety and proper usage.
- The descriptions in this manual are based on the default settings of your device.
- Images and screenshots used in this user manual may differ in appearance from the actual product.
- Software version, product specification and contents provided in this device are subject to change without prior notice. Contact to the dealer for the latest version.
- BIOSHINE is not liable for performance issues or incompatibilities caused by assembled/disassembled your device or modified software. Attempting to customize your device may cause your device work improperly.
- Design and logo for this device is owned by BIOSHINE. Extracting and using these materials for commercial or any other purposes is an infringement of copyright laws. BIOSHINE is not liable for such copyright infringement by the user.
- Avoid placing your device near inflammables or electromagnetic fields, hot or humid areas and out of direct sunlight.
- BIOSHINE is not liable for any side effect, disadvantage caused by using your device improperly other than its original purpose.
- After adequate practice, operate your device to ensure safe use.

Copyright

Copyright© 2019 BIOSHINE Co., Ltd.

This manual is protected under copyright laws.

No part of this manual may be reproduced, distributed, translated,
or transmitted in any form or by any means,
online or offline, without the prior written permission of BIOSHINE.

Contents

01. Introduction	P. 6	05. Maintenance	P. 26
<hr/>		<hr/>	
01-1. General Safety		05-1. For Safety	
01-2. Handling		05-2. Recommendation	
01-3. Storage		05-3. How to Clean	
02. Overview	P. 9	06. Troubleshooting	P. 29
<hr/>		<hr/>	
02-1. CELLOPLARF		06-1. FAQ	
02-2. Front Side		06-2. Cautions on Cosmetic	
02-3. Back Side		06-3. Cautions on Operation	
02-4. Components			
03. Installation	P. 14	07. Specification	P. 32
<hr/>		<hr/>	
03-1. RF DOT Handpiece			
03-2. PLASMA Handpiece			
03-3. EMS Handpiece			
03-4. Mirco Needle Handpiece			
03-5. Power			
04. Operation	P. 18	08. Manufacturer	P. 33
<hr/>		<hr/>	
04-1. Front Side			
04-2. Micro Needle RF (RF1 mode)			
04-3. Micro Needle RF (RF2 mode)			
04-4. Fractional RF			
04-5. Plasma			
04-6. EMS			
04-7. System Setting			

01. Introduction

- 01-1. General Safety
- 01-2. Handling
- 01-3. Storage



01-1. General Safety

Please read this manual carefully before use.

- 1) Before use, users must have acknowledge and well-trained in safety guide and regulation.
 - When you install the device, should;
 - Keep away from wet area
 - Keep in not influenced by pressure, temperature, wind, sunlight, dust, salty air, including adverse other physical affection.
 - Care of safety and keep away from external vibration and shock
 - Keep away from electronic short-wave device and microwave
 - Do not reach chemicals and gases
 - Beware of power output, voltage, consumption of electrical power.
 - Before check the device normality, check power cable connection.
 - Beware of ground connection.
 - All cables and connectors must exact connection safely.
- 2) Safety check the device and users before use
- 3) If occurs safety hazard, promptly stop to operate the machine and take emergency measures.
- 4) Remove radioactive material and flammable substance before use.
- 5) Do not touch and shock the device and components in use
- 6) Do not disconnect power cable in use
- 7) Beware of adjust output to operation
- 8) Regardless of users sex and age in use. If users are pregnant woman, infants, the aged, patients, must have a medical consultation with professional doctors.
- 9) For safety in use, recommend to procedure no longer than default time set.
 - Do not apply low frequency procedure on face
 - If users in uncomfortable, stop to operate immediately
 - Start at a low intensity/level and increase gradually.

01-2. Handling

- Handle with care.
 - Stand straight when using.
 - Be careful with shock/impact.
 - The device will be delivered after complete assembly.
 - Keep away from high temperature and humid.
 - Unauthorized disassemble and components modification of the product is strictly prohibited.
-

01-3. Storage

- Stand straight when storing.
- Do not store the device in high temperature or humid area.
- Recommend to store the product below 30°C.
- Avoid direct sunlight .

02. Overview

- 02-1. CELLOPLARF
- 02-2. Front Side
- 02-3. Back Side
- 02-4. Components



02-1. CELLOPLARF

CELLOPLARF is a multi-function device that provides PLASMA / Fractional RF / RF Needle / EMS. Powerful effects can be provided on the facial skin by plasma and multi RF function.

Plasma Poration handpiece removes the bacteria and helps absorb essential drug to the skin tissue. A strong low-temperature atmospheric plasma on the surface of the skin sterilize the skin and the ionized radicals stimulated the skin treatment process such as skin regeneration, anti-bacteria, CDS (Cosmeceutical Delivery System), skin whitening and collagen generation.

DOT handpiece delivers RF energy from skin surface to target layer (dermis) and stimulates the cell's positive and negative ions to produce heat, recombines the fibrous tissues by accelerating the blood circulation of dermis and other tissues. Also, by continuous stimulation of collagen layer, it improves the regeneration of collagen and make healthier skin, clear skin tone.

Acne caused by acne germs that consumes the excessive sebum as food which caused by clogged pores or something wrong with sebum secretion. To cure the acne completely, the best way is to destroy the sebaceous glands, or destroy the abnormal sebaceous glands selectively using Celloplar's specially designed RF needle without burn.

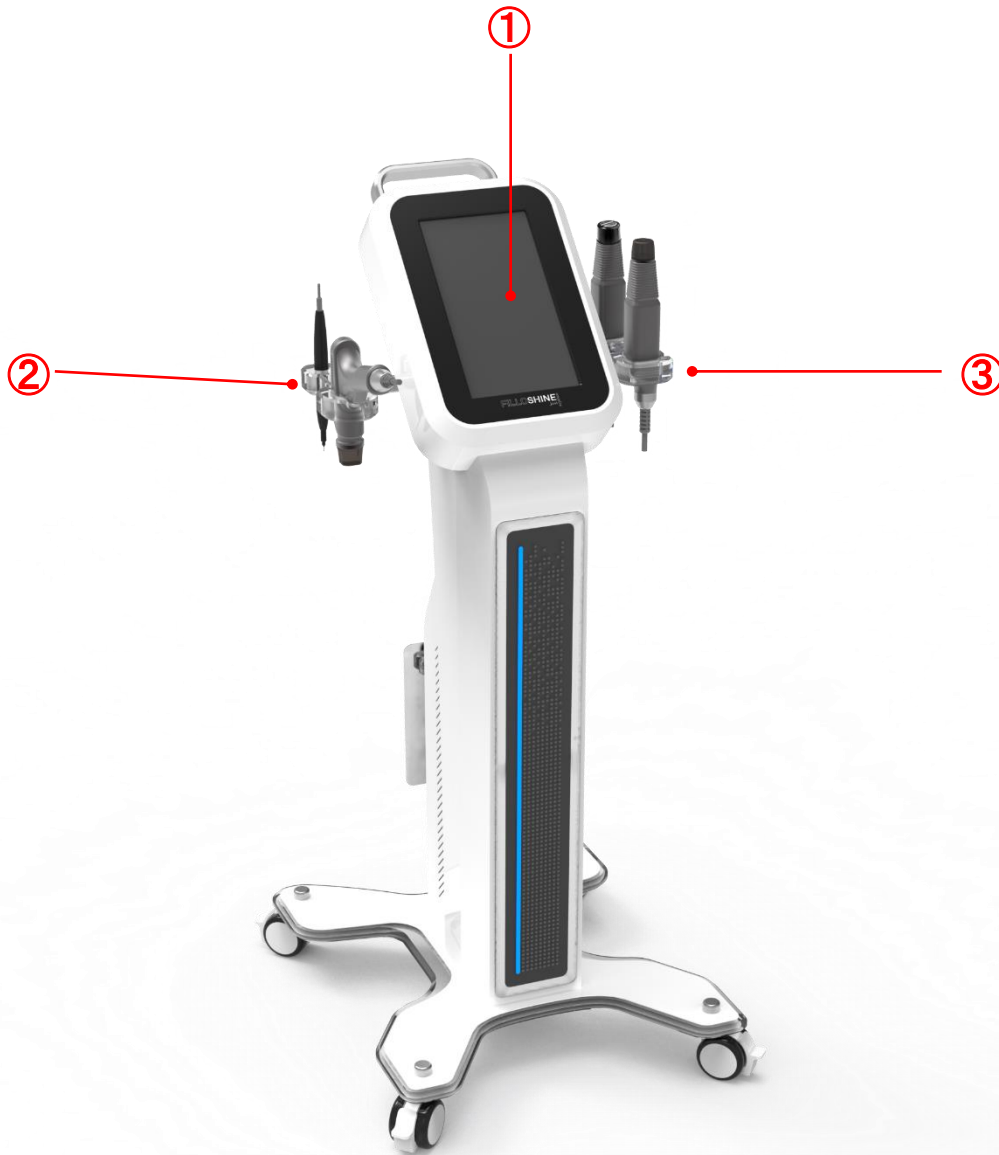
EMS (Electric Muscle Stimulation) is to stimulate the muscles to give effect of exercise by contraction and relaxation of muscles.

4KHz EMS of Celloplar provides continuous massage effect to make elastic skin and may help to improve fine wrinkles and skin lifting.

Key points:

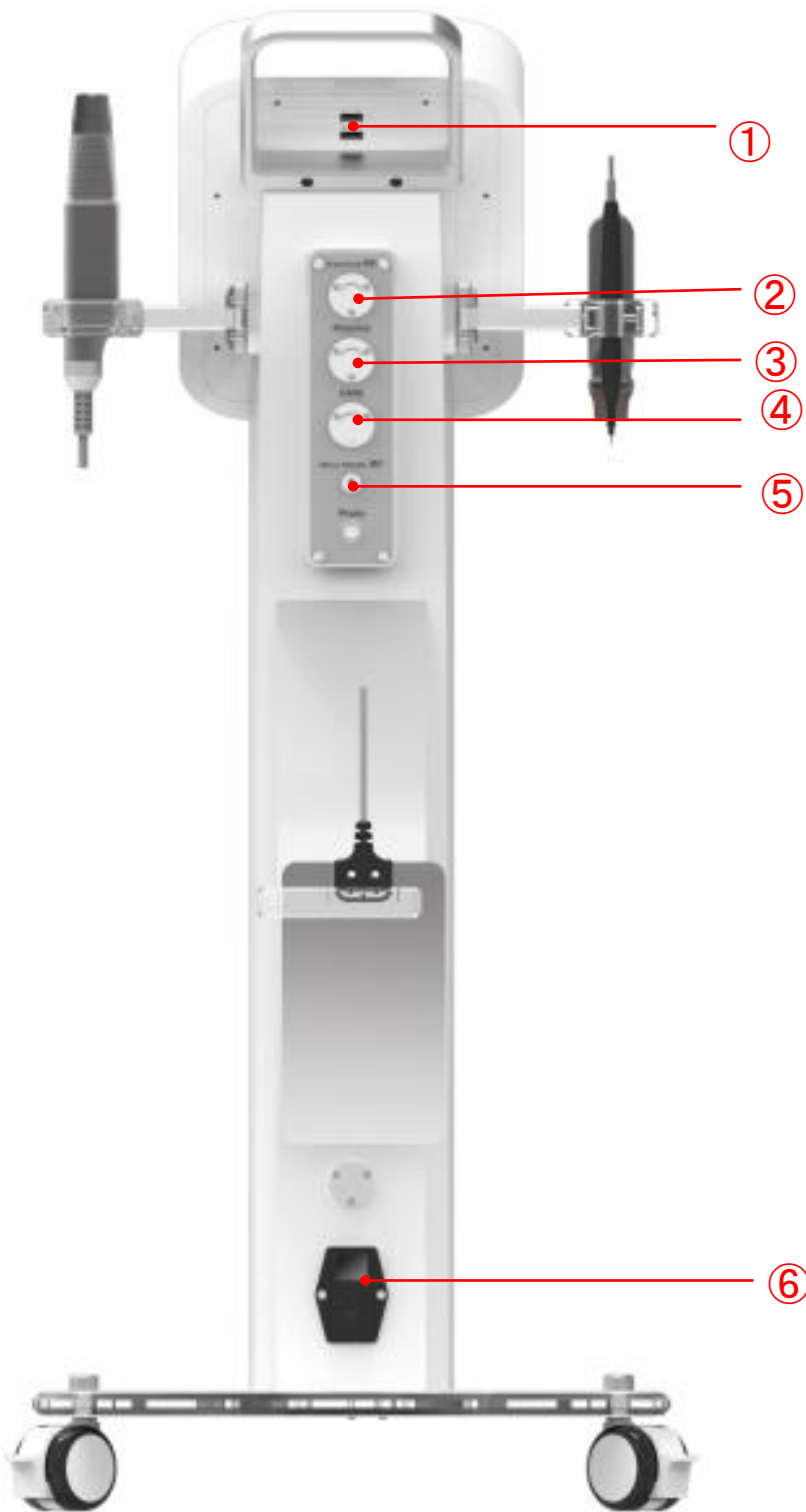
- Plasma Treatment
- RF Treatment
- Delivers Nutrients Effectively
- No Anesthesia
- No Side Effect
- Convenient, Simple Beauty Solution
- Able to Back to Daily Life Immediately.

02-2. Front Side



- ① Touch Screen LCD
- ② RF Needle, EMS Handpiece Cradle
- ③ Plasma, RF DOT Handpiece Cradle

02-3. Back Side



- ① Subsidiary Connector /
Firmware USB Port
- ② Plasma Handpiece Connector
- ③ EMS Handpiece Connector
- ④ Micro Needle RF Connector
- ⑤ Ground Plate Connector
- ⑥ Power Switch

02-4. Components



Plasma Handpiece



EMS Handpiece



RF DOT Handpiece



RF Needle Handpiece



Plasma Handpiece TIP
(L, S)



Ground Plate



Power Cable

Caution

- If components are missing, contact your sales contact point within 2 weeks after receipt of product.
- Warranty invalid after 2 weeks even if there is missing component.

03. Installation

- 03-1. RF DOT Handpiece
- 03-2. Plasma Handpiece
- 03-3. EMS Handpiece
- 03-4. Micro Needle Handpiece
- 03-5. Power



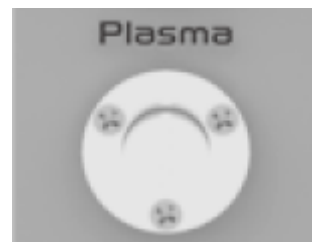
03-1. RF DOT Handpiece



Connect to RF
Handpiece Connector

1. Connect RF DOT Handpiece to its connector at the back of the device.
2. Push until it does not go further.
3. Turn the nut until close firmly.

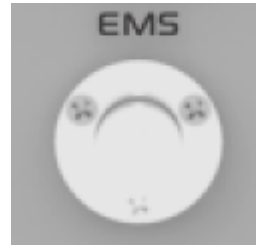
03-2. PLASMA Handpiece



Connect to Plasma
Handpiece Connector

1. Connect Plasma Handpiece to its connector at the back of the device.
2. Push until it does not go further.
3. Turn the nut until close firmly.

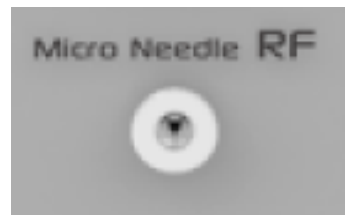
03-3. EMS Handpiece



Connect to EMS
Handpiece Connector

1. Connect EMS Handpiece to its connector at the back of the device.
2. Push until it does not go further.
3. Turn the nut until close firmly.

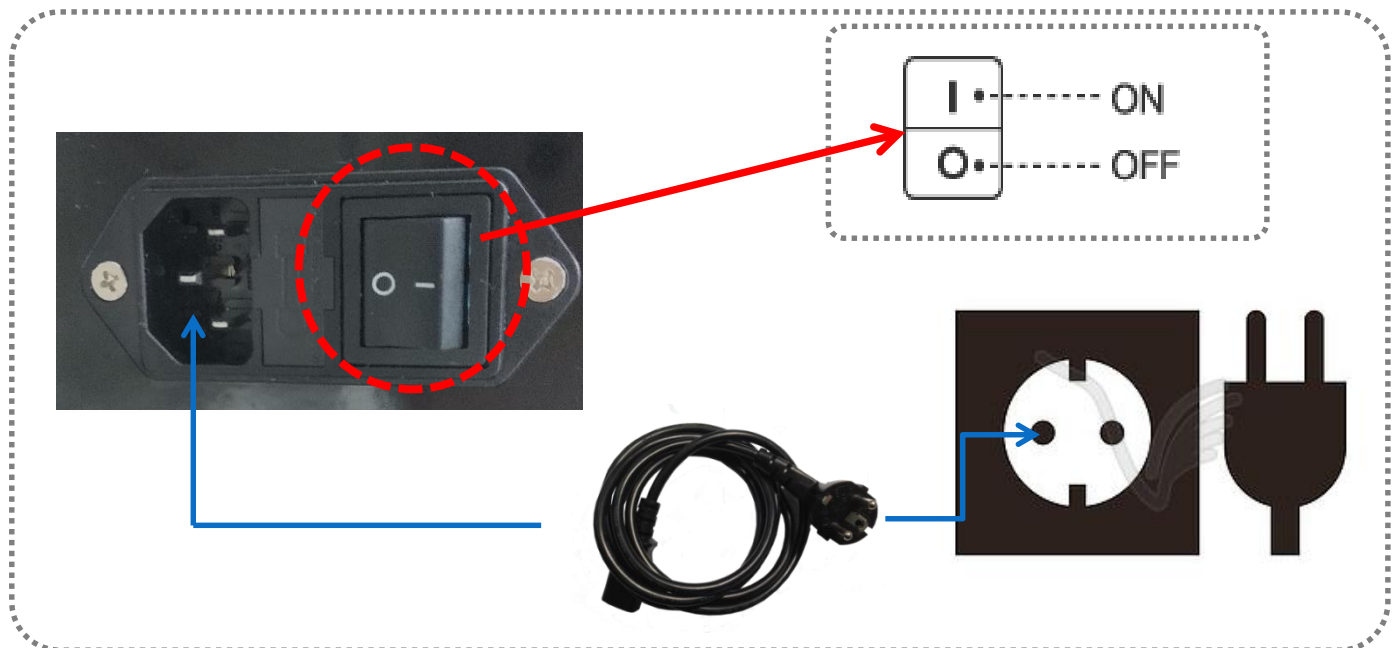
03-4. Micro Needle Handpiece



Connect to Micro
Needle RF Handpiece
Connector

1. Connect Micro Needle Handpiece to its connector at the back of the device.
2. Push until it does not go further.

03-5. Power



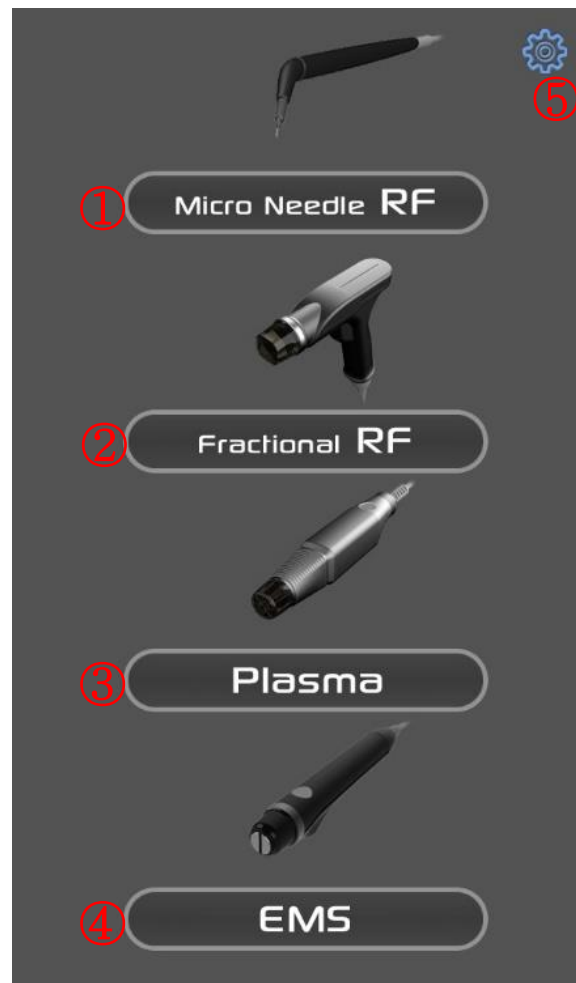
1. Plug the power cable into the power socket at the back of the main body and plug in to the main power source. Turn ON the power socket switch.
2. Once powered on, LCD will be turned on.

04. Operation

- 04-1. Front Side
- 04-2. Micro Needle RF (RF1 mode)
- 04-3. Micro Needle RF (RF2 mode)
- 04-4. Fractional RF
- 04-5. Plasma
- 04-6. EMS
- 04-7. System Setting



04-1. Front Side



MENU SCREEN

- ① Micro Needle RF
 - RF signal will be shown through the needle on the handpiece.
- ② Fractional RF
 - RF signal will be shown through the tip of the handpiece.
 - Life span of the tip is limited as 3,000 times of shot and when the life span ends, tip must be replaced with new.
- ③ Plasma
 - Plasma will be produced from the tip of the handpiece.
 - There are 2 sizes of tip and their output is different by its sizes, so appropriate size of the tip is required to use. Life span of the tips is 150 minutes. After this, tip must be replaced with new for continuous use.
- ④ EMS
 - Electrodes on the tip of the handpiece provide its frequency.
- ⑤ Configuration
 - Press this button to access configuration. → Goes to "System Setting".

04-2. Micro Needle RF (RF1 mode)



MENU SCREEN

Micro Needle RF (RF1 mode)

In this mode, RF will come out from the micro needle CONTINUOUSLY.

- ① LEVEL : 1~9
- Output level can be selected.
- ② ACTIVE PULSE (ms)
- In this mode, pulse cannot be adjusted since it is CONTINUOUS mode.
- RF will come out continuously when the shot button pressed.
- ③ TIME / SHOT COUNT
- In this mode, operation time will be shown in seconds.
- TIME will be reset once the "reset" button on the right side pressed.
- ④ MODE
- Can select RF1 mode and RF2 mode.
- ⑤ RETURN to MENU
- Return to main screen when it is stopped.
- ⑥ PLAY
- Once this button pressed, device will be in operational condition and button will blank.
- On operational condition, RF will come out once the foot switch pressed. When the device is not in operational condition, RF will not come out even if you press the foot switch.
- ⑦ M1/M2 Load/Save
- When SAVE button pressed for long time, current settings will be saved and to load, press LOAD.

04-3. Micro Needle RF (RF2 mode)



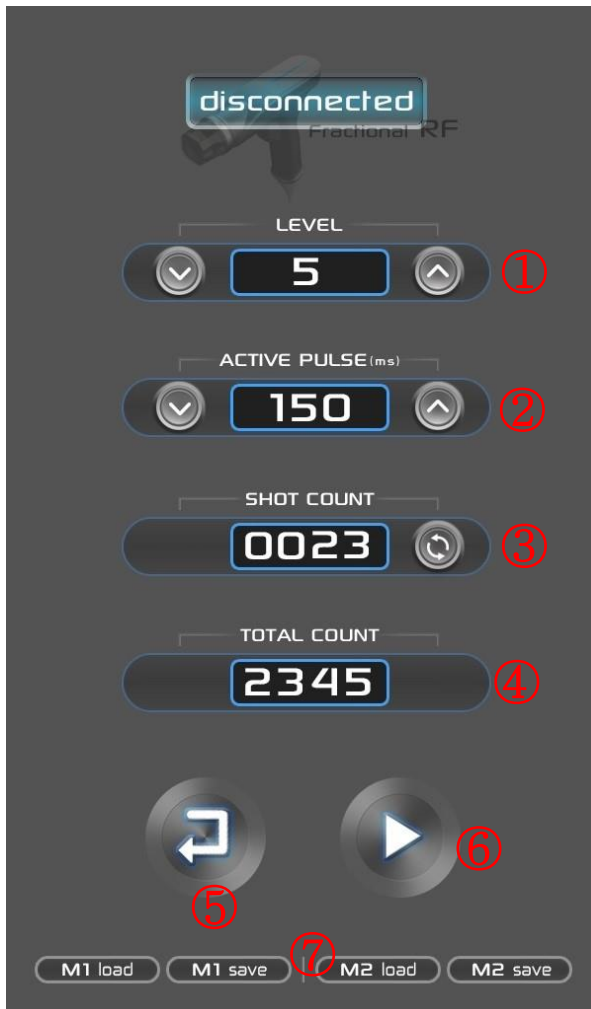
MENU SCREEN

Micro Needle RF (RF2 mode)

In this mode, RF will come out from the micro needle for set time.

- ① LEVEL : 1~9
- Output level can be selected.
- ② ACTIVE PULSE (ms)
- Can select from 50ms to 300ms, able to adjust in 50ms.
- Once button pressed, RF will come out for set time only.
- ③ TIME / SHOT COUNT
- In this mode, will be shown how many shots made.
- TIME will be reset once the "reset" button on the right side pressed.
- ④ MODE
- Can select RF1 mode and RF2 mode.
- ⑤ RETURN to MENU
- Return to main screen when it is stopped.
- ⑥ PLAY
- Once this button pressed, device will be in operational condition and button will blank.
- On operational condition, RF will come out once the foot switch pressed. When the device is not in operational condition, RF will not come out even if you press the foot switch.
- ⑦ M1/M2 Load/Save
- When SAVE button pressed for long time, current settings will be saved and to load, press LOAD.

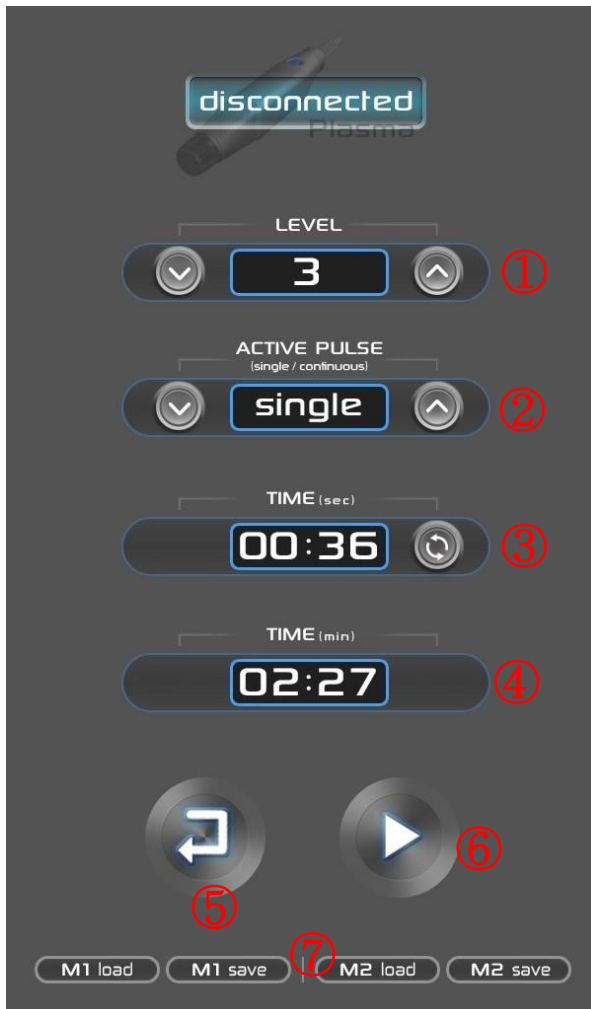
04-4. Fractional RF



MENU SCREEN

- ① LEVEL : 1~9
 - Output level can be selected.
- ② ACTIVE PULSE (ms)
 - Can select from 50ms to 300ms, able to adjust in 50ms.
 - Once button pressed, RF will come out for set time only.
- ③ SHOT COUNT
 - Will be shown how many shots made.
 - TIME will be reset once the "reset" button on the right side pressed.
- ④ TOTAL COUNT
 - Shows the total remaining shot. Each shot will decrease the total number.
 - Total number of shot is 3,000 and once end, tip must be replaced with new.
- ⑤ RETURN to MENU
 - Return to main screen when it is stopped.
- ⑥ PLAY
 - Once this button pressed, device will be in operational condition and button will blank.
 - On operational condition, RF will come out once the foot switch pressed. When the device is not in operational condition, RF will not come out even if you press the foot switch.
- ⑦ M1/M2 Load/Save
 - When SAVE button pressed for long time, current settings will be saved and to load, press LOAD.

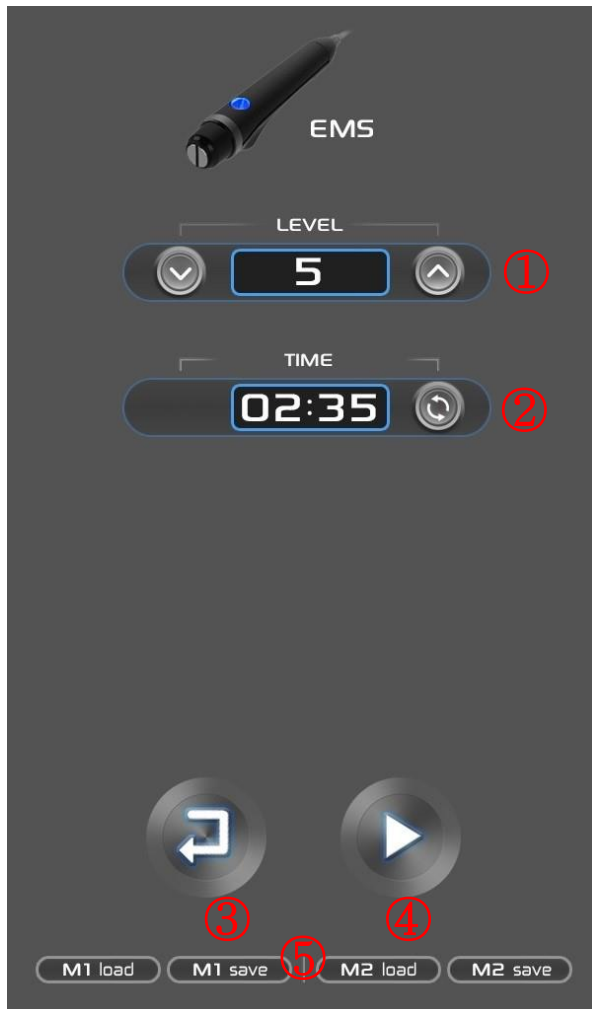
04-5. Plasma



MENU SCREEN

- ① LEVEL : 1~9
 - Output level can be selected.
- ② ACTIVE PULSE (single / continuous)
 - On SINGLE mode, each time of button press will create 1 second of plasma and stops.
 - On CONTINUOUS mode, e button pressed, RF will come out for set time only.
- ③ TIME (sec.)
 - Shows how many shots made.
 - TIME will be reset once the "reset" button on the right side pressed.
- ④ TIME (min.)
 - Shows the total remaining life span in minutes.
 - Total life span of shot is 150minutes and once end, tip must be replaced with new.
- ⑤ RETURN to MENU
 - Return to main screen when it is stopped.
- ⑥ PLAY
 - Once this button pressed, device will be in operational condition and button will blank.
 - On operational condition, RF will come out once the foot switch pressed. When the device is not in operational condition, RF will not come out even if you press the foot switch.
- ⑦ M1/M2 Load/Save
 - When SAVE button pressed for long time, current settings will be saved and to load, press LOAD.

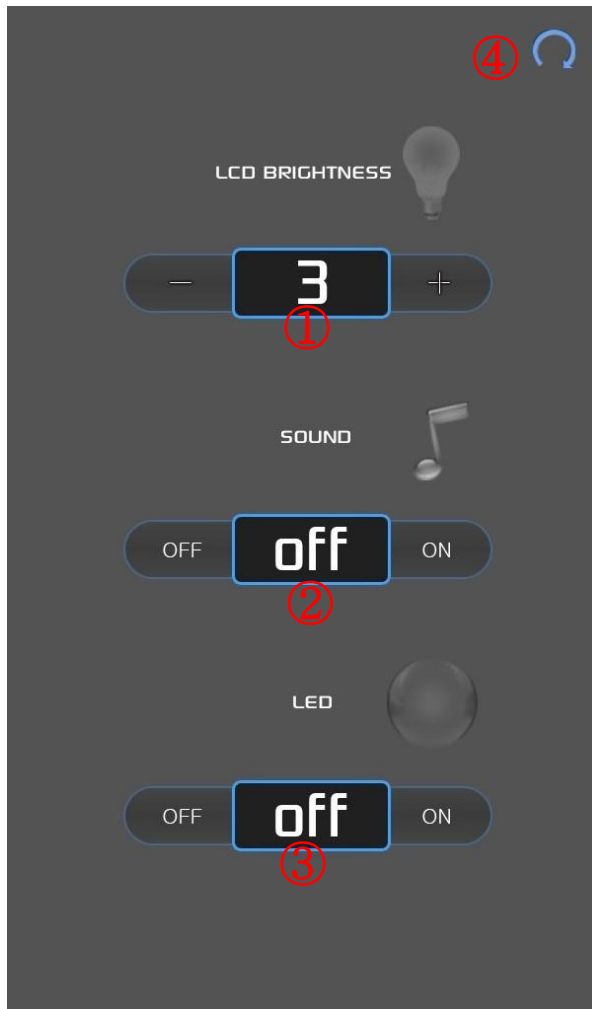
04-6. EMS



MENU SCREEN

- ① LEVEL : 1~9
- Output level can be selected.
- ② TIME (sec.)
- Shows how long the device operated in seconds.
- TIME will be reset once the "reset" button on the right side pressed.
- ③ RETURN to MENU
- Return to main screen when it is stopped.
- ④ PLAY
- Once this button pressed, device will be in operational condition and button will blank.
- On operational condition, RF will come out once the foot switch pressed. When the device is not in operational condition, RF will not come out even if you press the foot switch.
- ⑤ M1/M2 Load/Save
- When SAVE button pressed for long time, current settings will be saved and to load, press LOAD.

04-7. System Setting



MENU SCREEN

- ① LCD BRIGHTNESS
 - Brightness can be adjusted into 5 levels and selected brightness will be saved.
- ② SOUND
 - Turns on and off the beep and selected option will be saved.
- ③ LED
 - Turns on and off the side LED and selected option will be saved.
- ④ RETURN to MENU
 - Returns to main screen.

05. Maintenance

- 05-1. For Safety
- 05-2. Recommendation
- 05-3. How to Clean



05-1. For Safety

- Device must be turned off and unplug power cable after use.
 - Make sure that device must be turned off before cleaning.
 - Do not use the device on slanted and unstable area.
 - Do not store the device in wet and humid area.
 - Do not assemble or disassemble the device unnecessarily or without permission.
 - Do not disassemble the device or parts when device is on.
 - Do not tilt the device when moving it must be in upright position always when use or store.
 - Do not use this device for other purposes.
 - Do not turn the device on until the components are properly installed.
 - Do not give impact on the device when in use.
 - Device can be used regardless of gender however, pregnant women, infants, seniors, patients must consult with experts or doctors before use.
-

05-2. Recommendation

Make sure that the main power must be turned off before proceed clean and maintenance.

- Press the POWER button on display to turn off.
- Turn off the power switch at the back of the main body.
- Use soft and smooth cloth to clean the main body.
- Clean handpieces with rubbing alcohol and wipe out with soft, smooth dry cloth and store/maintain them hygienically.

05-3. How to Clean

Handpieces

1. Wipe out the used handpieces after use.
2. Wipe out the used handpiece heads/tips by rubbing alcohol with soft, clean cloth. If cosmetics remain on the handpiece after use, device will not work normally.
3. Store the handpieces on the cradle after use or clean.

06. Troubleshooting

- 06-1. FAQ
- 06-2. Cautions on Cosmetic
- 06-3. Cautions on Operation



06-1. FAQ

Read the user's manual before asking for the service and try to figure out the following problems. If you can't solve the problem by following the below steps, contact your local sales agent.

* Some of below contents may defer by the products.

1) No power is on after pressing the power button. (No display screen is on)

- Check the power cable at the back of the device and make sure that the main power source is correctly connected. If they are all correctly connected, check the power switch at the back of the device. The switch must be ON.

2) Each mode does not operate.

- Make sure all the handpieces are correctly connected with each connectors of the device.

3) Plasma mode be used for treatment right after cosmetics applied?

- EMS mode can be used right after cosmetic applied however, cosmetics must not be applied on the treatment area before and during the plasma treatment. This may causes electric shock so cosmetics must be applied after plasma treatment.

4) What is the USB ports at the back of the device for?

- USB ports at the back of the device is for professional/authorized engineer only. Manufacturer is not liable for any malfunction or error caused by unauthorized action.

5) What is the best effective way for plasma treatment?

- The best effective way to use plasma is to have space about 3~5mm between the treatment area and plasma handpiece tip. When plasma treatment is done as close contact, effectiveness will decrease.

06-2. Cautions With Cosmetics

- Do not use this device when there are abnormal skin troubles such as scars, swelling, eczema, etc.
- Please stop using this product if you observe any abnormalities such as swelling, redness, itching, irritation, vitiligo or darkening on your skin.
- Do not use on the skin where scratches, eczema or dermatitis on.
- Do not use if there are red spots, swelling, itching, or irritation due to direct sunlight.
- Always consult with a specialist to determine a program for your skin type, and then perform the procedure.
- The laser treatment and ultraviolet rays exposure should be avoided during the period of using the ampoule.
- Avoid another deep cleansing. It may cause skin trouble.

06-3. Cautions During Operation

- Do not apply the treatment on the thin skin area such as eyes and eyelids.
- Please refrain from using it on the area of severe skin damage, inflammation, pigmentation abnormalities, eczema, pimples or severe itching and redness.
- Dermatologists should use their medical judgment in case of operation for the area with atopic dermatitis.

07. Specification

Product Name	CELLOPLARF
Dimension (mm)	430(W) x 524(L) x 1038(H)
Net Weight	20Kg
Rated Voltage	AC 100~240V , 50/60Hz
Power Consumption	MAX. 200W
Display	10in. TFT LCD, TSP

08. Manufacturer

BIOSHINE CO., LTD.

Head Office

2F, 6, Gangnam-daero 150-gil, Gangnam-gu,
Seoul, Republic of Korea

Tel.: +82 2 3443 9688

Fax.: +82 2 515 1113

E-mail

General Inquiry

help@filloshine.co.kr

Homepage

www.filloshine.co.kr





bio-shine

Innovative technology beyond beauty