材质：70g书纸
印刷四色
尺寸：85*140mm
工艺：风琴折

出血线
折叠线
裁切线

Welcome to use our Breo Laser Hair Growth Comb

This product is a laser instrument. Users are required to read the manual carefully before operation to ensure efficient and safe use of all the functions and maintenance of the product.

Warnings:

1. Do not make direct eye contact with the laser light diodes or its reflection in a mirror because it can temporarily irritate your eyesIf you store at the light for too long, it could harm your eyes. Also,never use a magnifying glass when using the product because it can cause temporary irritation to your eyes.
2. Keep out of reach of children at all times.
3. If the component or structure is damaged of the device, do not use the device because you could get an electrical shock. If the component or structure gets damaged, contact our company.
4. This is an ESD sensitive device, do not touch charging contacts.
5. If you are taking any medications or products that make you sensitive to light, you should test the device to make sure you do not have a reaction. Some of the things that can cause increased sensitivity to the device could be medicines for colds, allergies, pain medicine and drugs to treat infections. To test the device forsensitivity, please refer to 'Section Testing the Laser Comb for Sensitivity.
6. Handle the device with care. Keep away from heat and liquids,because this could cause the device not to work properly and may cause an electrical shock.
7. Ensure to keep the light emitting ports clean. Otherwise, the laser light intensity output will be affected, adversely affecting the therapeutics effects of the comb.
8. Do not charge the comb while it is being used.
9. Turn off the comb while cleaning it or after use.
10.Only use the included Charger to charge the comb.
11.If the comb is not used for a long period of time, charge it at least every 4-6 months to preserve its battery life.
12.Only use the comb as directed. Do not try to change the way the comb operates.Changes may result in harmful laser exposure.

Version:V1.0 Date 2024-6-30

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I. Working Principle

Breo Laser Hair Growth Comb works by providing laser energy to stimulate hair follicles. For optimal results, the laser must not be blocked by the hair and must have an unobstructed path to the scalp. Breo Laser Hair Growth Comb has teeth that part the hair and allow the maximum amount of laser energy to reach the scalp.

II. Performance Parameter

Technical Information
Trade name/Common name: Breo Laser Hair Growth Comb
Laser medium: GaAlAs Semiconductor
Laser wavelength:650nm±10nm
Power: <5 mW
Laser diodes quantity: 7pcs
Input voltage: 5Vdc
Input power: less than 5V 1A
Working environment:
● Temperature: 5°C~30°C
● Relative humidity:
15 - 80%RH
● Atmospheric pressure: 860hpa~1060hpa
Battery capacity: 2000mAh 3.7V

III. Package Content

Breo Laser Hair Growth Comb

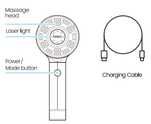
Storage Bag

User Manual

Charging Cable

IV. Structure and Components

Main Structure
The treatment instrument consists of host, comb cover, power charger jack.
Massage head is applied part



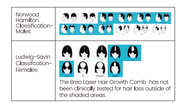
Charging Cable

V.Indications and Contraindications

I. Indications for use
Breo Laser Hair Growth Comb is indicated to treat:
Androgenetic alopecia, and promote hair growth in females who have Ludwig(Savin) I-4, II-1, II-2 or frontal patterns of hair loss and in males whohave Norwood Hamilton Classifications of III to V and who both have Fitzpatrick Skin Types I to IV.

2.Contraindications
Pregnancy, cancer and hemormagic diseases are prohibited to use this product.Forbidden for use by individuals with pacemakers since the Breo Laser Hair Growth Comb may interfere with the operation of the pacemaker.
If you are taking medications or if you have any medical condition which makes your skin sensitive to sun or light or if you suffer from scalp injury, the product should not be used.

It should not be used by or on children under 18 years of age.
Before operation, please note the following：
➢ The System should never be connected directly to the wall charger and only be powered by the adapter.
➢ How do you know if the Breo Laser Hair Growth Comb is right for you?
Breo Laser Hair Growth Comb can be used by men and women with thinning hair (including color treated hair) or pattern baldness caused by a hereditary condition. Doctors use a system known as the Norwood Hamilton Classification (men) and the Ludwig-Savin Classification (women) to describe the degree of hair loss. Below are the pictures of the scales. The shaded areas show the type of hair loss that can be treated with the Breo Laser Hair Growth Comb .



The Breo Laser Hair Growth Comb has not been clinically tested for hair loss outside of the shaded areas.

➢ Before you use the Breo Laser Hair Growth Comb , please check whether the power is sufficient.

Charging Options

1. Connect the Type C charging cable to the charging interface ofthe host.
2.Insert the other end of the charging cable into the rechargeable USB port or connect the 5V adapter, plug into the socket to chargethe host.
3.When the product is charging, the White indicator light flashes.When the product is fine in power, the white indicator light flashes once per second.and the White indicator light stays on after charging is completed.
4.The charging time is about 2.5 hours.
* Please keep the charging port dry before charging.It is normal for the massager and the power adapter to heat up slightly during charging.
After Charging
Unplug the power adapter and unplug the charging cable from the massager.
5. Battery life battery charging and discharging is a cycle, the number of cycles is not less than 300 times.
Note: During charging, the device only can be charged and does not operate. During operating mode, please disconnect the charging cable from power charge jack.

VI. Operation

This product cannot be used while charging. After charging, please unplug the power adapter before use.

Power on/Mode Selection
Press and hold the power/mode button for about 2 seconds, and the prompt sound is long "di", which means the power is turned on. After turning on, the default mode is mode one.
After turning on the machine, short press the power button to switch the mode, and the prompt sound short "di" means switching succeeded.
Mode 1:Slow massage
Mode 2: Laser light

Skin contact start/stop: For safety, the laser switch limit is added.When the comb is within a safe distance from the scalp, the laser starts.When the safe distance is exceeded, the laser turns off.

Treatment frequency 3 times per week, every time 15 mins, spaced out every other day, as little as 16 weeks.
When the ambient temperature is 20 °C, the intended use of the ME device can be achieved from the lowest storage temperature after use to the readiness of the ME device
When the ambient temperature is 20 °C, the intended use of the ME device can be achieved from the maximum storage temperature to the ambient temperature of the ME device 30°.
The patient is expected to be the operator.

VII. Testing the Breo Laser Hair Growth Comb for Sensitivity

Testing the Breo Laser Hair Growth Comb for sensitivity before beginning treatment, be sure to test the Breo Laser Hair Growth Comb for sensitivity. Turn the device on, hold the Breo Laser Hair Growth Comb on one spot, shining the light on your forearm. After two minutes, turn the device off and set aside. Look at the spot where you held the laser light over the next five minutes. If you see any reaction such as redness or rash, do not use the Breo Laser Hair Growth Comb and contact Agent. If you don't experience any reaction, proceed with the treatment instructions.

VIII. Product Maintenance

1.Maintenance
(1) Wipe the dust off of the device's surface with a soft dry cloth.
(2) If stained with dirt or oil, use a soft brush to gently remove the stained then wipe down with a dry soft cloth.
(3) To disinfect the device, moderately wet a cotton ball/square with disinfecting ethyl alcohol until moist. Use the cotton ball/square towipe down the surface of the device and allow to air dry until the ethyl alcohol smell is gone.
(4) Keeps stored in a cool and dry area away from direct sunlight.
(5) Storage and transport environment:
a) Ambient temperature: 0°C~ 40°C
b) Relative humidity:10%~80% RH
c) Atmospheric pressure:860hpa~1060hpa
2.Cleaning your Breo Laser Hair Growth Comb
(1) Keep your Breo Laser Hair Growth Comb clean.
(2) Turn off the Breo Laser Hair Growth Comb by pressing and holding the power button (lower button) until the light turns off.
(3) Unplug the power cord from the device and from the electrical wall outlet.
(4) Clean the laser window with a soft, slightly moistened cloth.
(5) To clean the comb teeth, gently remove any hairs or dust with adelighfully moistened towel.
(6) Don't use any acetone, soap or detergents, only warm water orethyl alcohol.
(7) Visual inspection for residual sell and an additional repeat cleaning instruction in the event that residual sell is visible on the device.

⚠ Warning: Do not modify this equipment without authorization of the manufacturer.

IX. Environmental Statement

DISPOSAL NOTE
Earth is our homes, we replying on each other for environmental protection, please do not discard arbitrarily for the host andaccessories of this therapeutic apparatus after use! Please contact the local authorities to determine the proper method of disposal of product and accessories.
The disposal of batteries is regulated. Spent batteries are collected at the collection points provided by battery dealers and the communities.Disposal of the equipment or its accessories according to the local regulations, if at the a collection point for electrical scrap.

X. Electromagnetic Compatibility

Attention:

⚠ A

●The Breo Laser Hair Growth Comb needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.
●Do not use a mobile phone or other devices that emitelectromagnetic fields, near the unit. This may result in incorrect operation of the unit.
●Cable information

NO.	Description	Cable Length(m)	Whether shielding	Remark
1	Charging cable	0.5m	NO	

⚠ **Warning:**

Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operationIf such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Use of accessories, transducers and cables other than those specifiedor provided by the manufacturer of this the Breo Laser Hair Growth Comb could result in increased electromagnetic emissionsor decreased electromagnetic immunity of this equipment and result in improper operation.

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Breo Laser Hair Growth Comb, including cables specified by the manufacturer.Otherwise, degradation of the performance of this equipment could result.
Note: Please refer to Appendix for details.

XI. Product Service

Dear customer,
Thanks for your purchase of our product. Our service aim is'Customer's satisfaction is our only standard'.Our company makes believing warranty so as to protect your legal right, benefits and avoid worries after purchase and use. Meanwhile the standard and perfect after sale service will be provided for you according to the warranty.
1. The scope of exchange or warranty: If quality problem exists within one year since the date of purchase under normal operation, we will fix the fault and replace the damaged parts which are not artificially caused for free.If the user can provide warranty bill and warranty card.If the surface of the equipment is damaged, no free repair or replacement will be provided.
Our company providing free repair service after t year, but material costs is charged on some extent.
2. Repair fees will be charged on some extent under the following cases which out of scope of exchange and warranty:
(1)Product warranty bill and warranty card are not stated.
(2)Damage made by improper or wrong use (the user do not operate the device under the user manual instruction)
(3)Failure made by personal disassembling
(4)Damage made by natural disaster
(5)Material costs are charged on some extent if warranty date isexceeded
(6)Failure or damage made by accident factor or human factor(scratch,immersion or replacing parts personally)
(7)Attachments such as housing of the apparatus, user manual package and warranty card
3. The manufacturer may, upon request, provide circuit diagrams, component lists, drawing notes, calibration instructions, or other information to assist maintenance personnel in repairing ME equipment components that are repairable by the maintenance personnel designated by the manufacturer

XII.Symbol Explanation

Symbol	Explanation	Symbol	Explanation
	Date of manufacture		Manufacturer
	Type BF applied part	IP27	IP Classification
	Follow instructions for use		Dispose of the device in accordance with the Directive 2012/19/EU (Waste Electrical and Electronic Equipment)
SN	Serial number		Keep dry
	3R Laser Safety Symbol		Keep away from sunlight
	Avoid exposure to radiation emitted from this aperture		This way up
	Fragile, handle with care	MD	Medical device

This device has not been tested for use in an MR environment and should not be used exposed to MR environment while patients are wearing the device. Keep it outside the MRI scanner room.

XIII. Contact Us

If there is a failure during operation, please check the following. If you cannot troubleshoot or the product still cannot operate satisfactorily, please cut off the power supply, and it should be repaired by professional technicians.Please do not disassemble this product by yourself!

Basic failure	Possible cause	Basic Solution
Can not power on	Is the battery low	If yes, please charge in time
Weak massage	Is the battery low	If yes, please charge in time

Shenzhen Breo Technology Co.,ltd
19/F,Hisense Southern Building, No.777 Chuangye Road,Nanshan District,Shenzhen, Guangdong, CN,518056
Email: support@breocare.com
Web: https://us.breo.com

Guidance and manufacturer's declaration - electromagnetic emission - for all EQUIPMENT AND SYSTEMS

Guidance and manufacturer's declaration - electromagnetic emission

The Laser Therapy Hair Growth Comb is intended for use in the electromagnetic environment specified below. The customer or the user of Laser Therapy Hair Growth Comb should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment -guidance
RF emissions CISPR11	Group 1	The Laser Therapy Hair Growth Comb uses RF energy only for its internal function. There for, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Class A	The Laser Therapy Hair Growth Comb is suitable for use in domestic and connected to the public mains network that supplies buildings used for domestic purposes.
Voltage fluctuations flicker emissions IEC 61000-3-3	Complies	

Warning:

1)The following RF emitters may be a source of electromagnetic disturbance: diathermy, electrosuctery, WPT, 5G, EAS. Please avoid to be exposed to these potential electromagnetic disturbance sources.
2)EAS may be concelled in the environment, if electromagnetic disturbance appeared, please check the potentially sources in the surrounding one-meter area.
3)Do not use the device near active HF surgical equipment and the MRI room.

Guidance and manufacturer's declaration - electromagnetic immunity - for all EQUIPMENT and SYSTEMS

Guidance and manufacturer's declaration - electromagnetic immunity

The Laser Therapy Hair Growth Comb is intended for use in the electromagnetic environment specified below. The customer or the user of the Laser Therapy Hair Growth Comb should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8kv contact ± 2kv, ± 4kv, ±8kv, ± 15 kv air	± 8kv contact ± 2kv, ± 4kv ±8kv ± 15 kv air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrostatic burst (fast transient) IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2 kV for power supply lines	Mains power quality should be that of a home use environment.
Surge IEC 61000-4-5	± 1 kV differential mode ± 2 kV common mode	± 1 kV differential mode	Mains power quality should be that of a home use environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % UT; 0.5 cycle (y) At 0°45°, 90°, 135°, 180°, 225°, 270°and 315° 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° 0 % UT; 250/300 cycle	0%UT; 0.5 cycle (y) At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° 0 % UT; 250/300 cycle	Mains power quality should be that of a home use environment. If the user of the Laser Therapy Hair Growth Comb requires continuous operation during power mains interruptions, it is recommended that the Laser Therapy Hair Growth Comb be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30A/m	30A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a home use environment.

NOTE UT is the a.c mains voltage prior to application of the test level.

Guidance and manufacturer's declaration - electromagnetic immunity - for EQUIPMENT and SYSTEM

Guidance and manufacturer's declaration - electromagnetic immunity

The Laser Therapy Hair Growth Comb is intended for use in the electromagnetic environment specified below. The customer or the user of the Laser Therapy Hair Growth Comb should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 6 V in ISM and amateur radio bands between 0.15 MHz and 80 MHz	3 V 150 kHz to 80 MHz 6 V in ISM and amateur radio bands between 0.15 MHz and 80 MHz	Portable and mobile RF communications equipment should be used no closer to any part of the Laser Therapy Hair Growth Comb, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance**
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz 385MHZ-5785MH Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment (Refer to table 9 of IEC 61000-4-2:2014)	10 V/m 80 MHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment (Refer to table 9 of IEC 61000-4-2:2014)	$d = [\frac{3.5}{V_1}]\sqrt{P}$ $d = [\frac{3.5}{E_1}]\sqrt{P}$ $d = [\frac{7}{E_2}]\sqrt{P}$ where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey , should be less than the compliance level in each frequency range.Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people.

a. The ISM (industrial, scientific and medical) bands between 150 kHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.
b. Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy.
To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Laser Therapy Hair Growth Comb is used exceeds the applicable RF compliance level above, the Laser Therapy Hair Growth Comb should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Laser Therapy Hair Growth Comb.
c. Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.

Recommended separation distances between portable and mobileRF communications equipment and the EQUIPMENT or SYSTEM -for EQUIPMENT and SYSTEMS

Recommended separation distances betweenportable and mobile RF communications equipment and the LIGHT-C1 LED treatment instrument

The Laser Therapy Hair Growth Comb is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Laser Therapy Hair Growth Comb can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Laser Therapy Hair Growth Comb as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output of transmitter	Separation distance according to frequency of transmitter/m				
W	150 kHz to 80 MHz outside ISM and amateur radio bands $d = [\frac{3.5}{V_1}]\sqrt{P}$	150 kHz to 80 MHz in ISM and amateur radio bands $d = [\frac{12}{V_1}]\sqrt{P}$	80 MHz to 800 MHz $d = [\frac{3.5}{E_1}]\sqrt{P}$	800 MHz to 2.7 GHz $d = [\frac{7}{E_2}]\sqrt{P}$	
0.01	0.12	0.20	0.035	0.07	
0.1	0.38	0.63	0.11	0.22	
1	1.2	2.00	0.35	0.70	
10	3.8	6.32	1.10	2.21	
100	12	20.00	35	70	

For transmitters rated at a maximum output power not listed above the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.
NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

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SIMPLY RELAX