CuraBeam

Smart Rhinitis Laser

Instructions for Use

CuraR2

Dear Customer,

Thank you for choosing CuraBeam's Smart Rhinitis Laser. The CuraR2 is the first generation of Rhinitis Laser launched by CuraBeam, integrating laser medicine, science, and advanced manufacturing technology to bring you a revolutionary experience in the treatment of rhinitis.

The CuraR2 utilizes cutting-edge enclosed Class1C laser technology to ensure the effectiveness, efficiency, and safety of the treatment. We specifically selected 980nm and 1064nm wavelength that precisely targets rhinitis symptoms, capable of penetrating deep into the tissue to reduce inflammation and alleviate symptoms. With a 15W laser energy output, the treatment process is both swift and notably effective. The unique skin-sensing technology ensures that the laser only activates upon contact with the skin, preventing unnecessary harm due to accidental operation, providing you with a sense of security during use.

The CuraR2 is more than just a device, it is the guardian of your healthy breathing, making every breath you take fresh and natural. Choose the CuraR2 for a healthier and more comfortable future.

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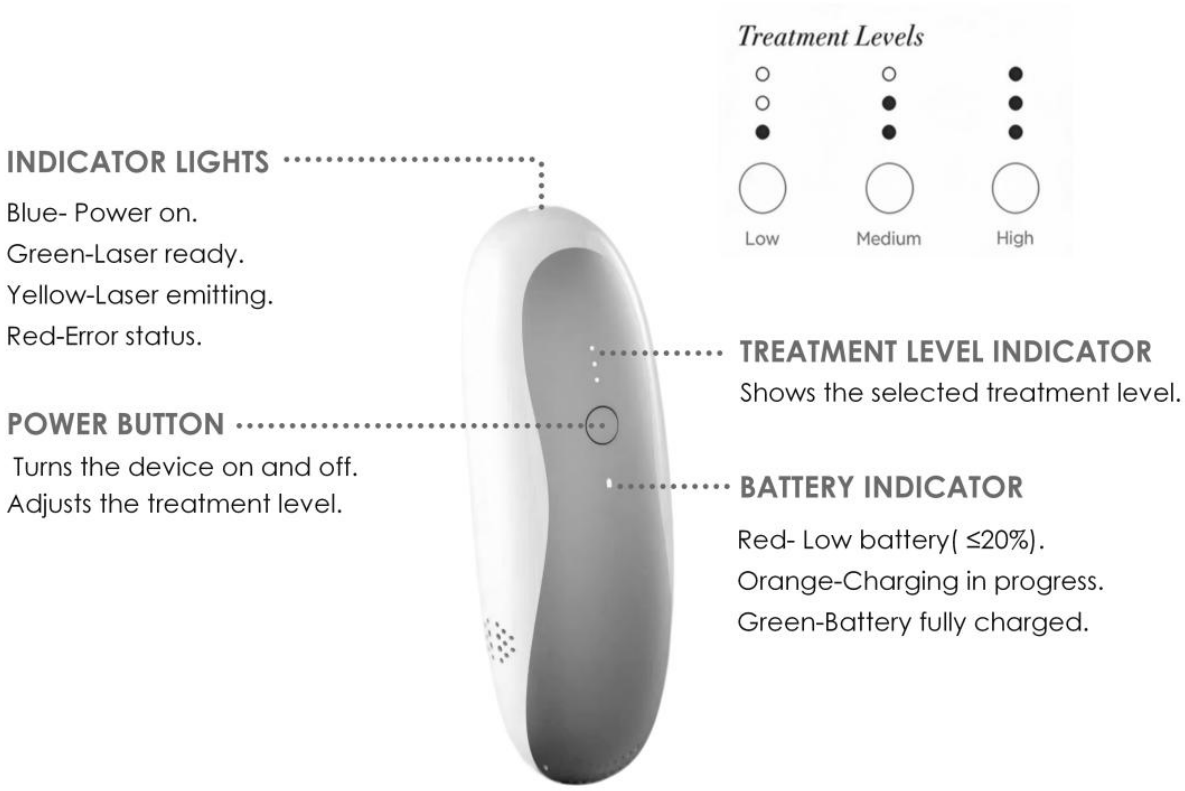
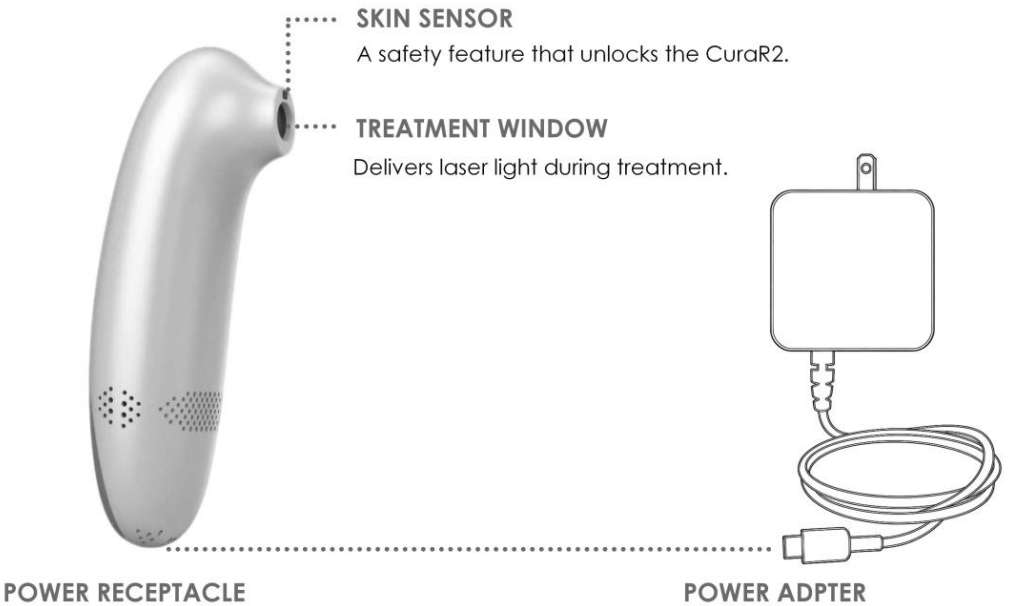




2. WHAT THE CuraR2 IS USED FOR (INDICATIONS)

The CuraR2 is an over-the-counter laser system intended for use in home healthcare and professional healthcare facility environment . It emits energy in the near infrared spectrum to provide photobiomodulation and heating for a temporary relief of symptoms caused by rhinitis, including rhinobyon , rhinocnesmus, rhinorrhea, sneeze.

3. WHO SHOULD NOT USE THE CuraR2 (CONTRAINDICATIONS)

Do not apply the laser on patients who are taking the medications that would sensitize to heat or light.

Do not apply the laser on the areas outside the rhinitis treatment area, such as eyes, thyroid.

Do not use the CuraR2 on skin that is damaged or exhibiting allergic symptoms.

Do not allow children or other individuals without the capacity to operate it independently.

4. TECHNICAL SPECIFICATIONS

Laser Type:	Diode laser
Laser Class: (in accordance with IEC 60825-1)	Class 1C
Type and Degree of Protections Against Electrical Shock: (in accordance with IEC 60601-1)	Class Ⅱ,Type BF Applied Part
IP Class:	IP22
Mode of Operation:	Continuous Operation
Output Wavelength:	980nm±10nm,1064nm±10nm
Peak Power Output:	15W
Average Power:	1.5W-3W-4.5W
Laser Operating Modes:	Pulse
Pulse Duration:	100 μs-200 μs-300 μs
Pulse Frequency:	1kHz
Duty Cycle:	10%, 20%, 30%
Beam Divergence Angle:	≤5°
Power Adapter Input:	100-240VAC,50/60Hz,2-0.8A
Power Adapter Output:	12V ⎓4.88A
Battery：	7.4V,3200mAh,23.68Wh Rechargeable Lithium Ion

Size:	7.3″ x3″ x2.7″ (186mm*75mm*68mm)
Weight:	0.66lbs(0.3kg)
Operating Temperature:	0~40℃
Operating Relative Humidity:	≤85%
Operating Atmospheric Pressure:	86kPa~ 106kPa
Transport And Storage Temperatures:	-20°C to 70°C
Transport Relative Humidity:	≤ 95%

5. IMPORTANT SAFETY INFORMATION

Read the following important safety information before using the device. If you have any questions contact CuraBeam Customer Care or a health care professional.

WARNING

Laser Safety

- To avoid hazardous laser radiation, be sure to read the user manual thoroughly before use.
- This device contains a Class 4 laser. Do not disassemble or modify the device under any circumstances, as this may result in exposure to hazardous laser radiation and personal injury.
- If the device housing is damaged, the device has been dropped, or any abnormality occurs, discontinue use immediately and do not attempt to repair it yourself. Contact an authorized service center for inspection and service.
- This device is designed for rhinitis therapy. Do not use it on the eyes, eyelids, thyroid gland, or any other areas not intended for treatment.
- If the device's sensor fails and laser emission continues, turn off the device immediately and contact customer service.

Electrical Safety

- When using or charging the device, connect it to a properly grounded power outlet.
- Keep the device and power adapter dry. Do not use or store them in damp or wet environments such as bathrooms or near sinks.
- If the power cord or plug is damaged, stop using the device immediately and contact after- sales support.
- Keep the power cord away from heat sources.

- Use only the power adapter supplied with the device.
- Do not block the ventilation openings during use or charging.

Operating Environment and Handling

- Before treatment, ensure the skin is clean and dry. Do not preheat, apply wet compresses, or use irritating substances such as alcohol on the treatment area.
- Do not remain in one area for an extended period during treatment. Keep the device moving to avoid burns, redness, swelling, or blisters.
- Avoid dropping, striking, or crushing the device.
- If during treatment the skin exhibits persistent noticeable redness, burning sensation, or any discomfort, stop immediately and reduce the intensity level. If symptoms persist, discontinue use and consult a healthcare professional.
- Individuals with darker skin tones have higher light absorption; it is recommended to start from the lowest intensity level and gradually adjust as tolerated.
- Keep the device out of reach of children. Store the device in a dry room and use it under normal room temperature conditions.

Following the above guidelines will ensure safe and effective use of the product, providing an optimal treatment experience. If any abnormality occurs, discontinue use immediately and contact professional support.

6. HOW TO USE YOUR CuraR2 LASER

6.1 CHARGE THE CuraR2

Prior to first use, charge the device until the battery indicator turns green. Subsequently, recharge whenever the indicator displays red.

TO CHARGE:

- Insert the Type-C connector of the dedicated adapter into the charging port of the device, then plug the adapter into a power outlet.
- During charging, the battery indicator light will glow steady orange.
- When fully charged, the battery indicator light will turn steady green. You may then unplug the adapter.

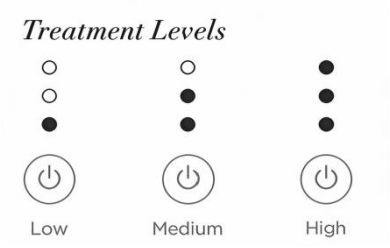
NOTE: Use only the dedicated adapter supplied with the device to avoid damage. If the adapter is lost, contact the customer service center.

6.2 POWER ON

To turn on the device, press and hold the power button for 2 seconds. The device will vibrate and the indicator light will glow blue, indicating it is in standby mode.

6.3 SET THE TREATMENT LEVEL

The CuraR2 offers three selectable treatment levels: Power gradually increases from Level 1 to Level 3.



TO CHANGE THE LEVEL:

- Press the power button briefly to select your desired treatment level. The device will vibrate once, the corresponding level indicator will light up, it indicates the device is in laser ready mode.

LEVEL CYCLING:

- Each press of the power button raises the level by one step. When the highest level is reached, pressing the power button again will cycle back to the lowest level.

LASER SENSITIVITY TEST ON TARGET AREA

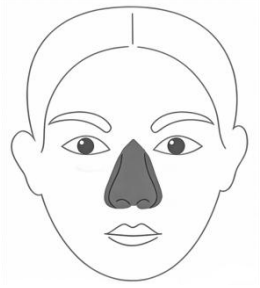
- Before your initial full treatment on and around the nose, we recommend testing the device at different energy levels to determine your comfort threshold.
- Use Level 1 to become adjusted to the sensation of your CuraR2 Laser. Once you are comfortable with the device, begin your treatment on Treatment Level 2 or 3.

WARNING

For children and individuals sensitive to heat, use the device at Level 1.

6.4 TREATMENT

- To ensure treatment effectiveness,use the device on the following areas as illustrated in the figure below.



- Press the treatment window firmly against the skin, maintaining full contact until the device emits a continuous, gentle vibration. This indicates that the laser is active. You will feel a warm sensation on the treatment area, and the device indicator light will turn yellow. If these prompts do not occur, adjust the device position to ensure the treatment window is in complete and even contact with the skin. The laser will only activate when the treatment window is in full contact with the skin.
- During treatment, always use a continuous sliding motion or a "press-and-lift" technique. Do not remain in one position, as this may cause overheating.
- To stop treatment, simply move the device away from the treatment area. The device will remain in laser-ready mode. If treatment is not resumed within 10 seconds, the device will enter standby mode. If no further operation is performed within 5 minutes, the device will automatically power off.

NOTE: This Class 1C laser emits invisible laser radiation. Do not treat the eye, eyelids, or point directly at the eye. This product is safe to eyes and skin if used in accordance with these Instructions for Use.

6.5 POWER OFF

Press the power button for 2S to turn it off, the device closes.

NOTE: The cooling fan may go on and off during your treatment. This is normal and nothing to worry about.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Device cannot be turned on	• Battery depleted. • Power button not held long enough.	• Charge device. • Press and hold power button for 2 seconds.
Device cannot be turned off	Power button not held long enough.	Press and hold power button for 2 seconds.
Fault indicator (red) is on	Device malfunction.	• Restart device. • If light stays on, contact customer service.
Device cannot be charged	• Incorrect connection. • Faulty outlet.	• Check connections. Ensure cord is secure. • Try another outlet.
Contact indicator off or goes out during treatment	• Low battery. • Poor skin contact. • Device malfunction.	• Charge device. • Maintain steady, full skin contact. • Restart device. If issue persists, contact customer service.
Contact indicator	• Poor skin contact.	• Maintain steady contact.

flashes intermittently	• Treatment head obstructed.	• Clean treatment head with lint-free cloth.
Treatment sensation changes significantly	• Poor skin contact. • Treatment head obstructed.	• Adjust intensity level. • Clean treatment head with lint-free cloth.

8. TAKING CARE OF YOUR CuraR2

8.1 CLEANING INSTRUCTIONS

The CuraR2 doesn't require special care, but we recommend that you keep it clean, especially the treatment window.

- If the treatment window or silicone sleeve does become visibly dirty, please wipe the surface with a soft cloth soaked in 75% ethanol for 3 minutes. Allow alcohol to evaporate completely before treatment. Be careful not to damage the treatment window.
- If other parts of the device become dirty, clean as needed with a soft cloth moistened with neutral cleaner.

CAUTION

For best results, keep the treatment window clean. Oils, lotions, makeup, or other debris can block the laser light or keep the device from functioning properly.

WARNING

DO NOT get the CuraR2 wet. If it gets wet, DO NOT use the CuraR2. Call Customer Care. Performing a treatment with a wet CuraR2 (or component) can cause electrocution or electric shock.

8.2 ROUTINE MAINTENANCE

No regular or special maintenance is required. The device is designed as a maintenance- free product with no parts that need periodic replacement.

8.3 STORAGE

Store the device and the adapter in a dry, dust- free location away from water sources.

8.4 TRAVEL

It is recommended to carry the device and adapter in their original packaging to prevent damage. The adapter is suitable for all common household voltages (100–240 VAC, 50/60 Hz). A plug adapter may be required when traveling.

9. ECYCLING/DISPOSAL

At end-of-life, final disposition of the laser must be done as required by local waste electrical and electronic equipment (WEEE) laws.

10. WARRANTY POLICY

10.1 WARRANTY PERIOD

2 years from the date of purchase.

10.2 WARRANTY COVERAGE

Covers defects in materials or workmanship. Applies only to devices purchased directly from an authorized distributor or from CuraBeam. Warranty is valid for the original purchaser only and is non-transferable.

If CuraBeam confirms a covered defect , it will, at its sole discretion:

- **Replacement:** Replace the device with a new or refurbished unit of the same or similar model.
- **Repair:** Repair the device using new or refurbished parts.

All warranty service must be performed by CuraBeam or its authorized service provider.

10.3 EXCLUSIONS (WHAT IS NOT COVERED)

The following are not covered :

- Damage, defects, or malfunctions resulting from abuse or misuse, improper maintenance, impact, foreign object intrusion, intentional damage, improper storage, repair or modification by unauthorized personnel, use of harmful chemicals, force majeure events (e.g., fire, flood), normal wear and tear, modification, excessive use, or professional/commercial use.
- The warranty period will not be extended during the time the device is being serviced or replaced.

11. CONTACT DETAILS

If you encounter any issues while using the CuraR2 or have any questions or suggestions, please don't hesitate to reach out to us.

Manufacturer: CuraBeam Medical Technology Co.,Ltd.
Address: Room 712,7th Floor, No. 713 ,Hu'an Road, Xiamen,361015,P.R China
Website: **www.CuraBeammed.com**

APPENDIX 1: SYMBOL GLOSSARY

Symbols	Meaning	Symbols	Meaning	Position
	Type BF Applied Part		Refer to Instruction Manual	On the Device
	Laser Warning: Symbol warns of laser beam hazard.		Waste Electrical and Electrical (WEEE):Do not dispose in unsorted municipal waste.	
	Serial Number	IP22	Ingress Protection Rating	
	Class 2			
	Keep Dry		Atmospheric Pressure Limitations (Position:Outer Carton)	Outer packaging
	Humidity Limitations		Transportation Temperature Limitations	

APPENDIX 2: MANUFACTURER'S DECLARATION OF ELECTROMAGNETIC COMPATIBILITY

CuraR2 needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the table below.

WARNING

The use of accessories, transducers and cables other than those specified may result in increased emissions or decreased immunity of this product.

WARNING

Portable and mobile RF communications equipment can affect this medical electrical equipment.

WARNING

This device should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, this device should be observed to verify normal operation in the configuration in which it will be used.

WARNING

This device has been designed and tested to meet the requirements of electromagnetic, electrostatic, and radio frequency interference standards. However, the possibility of electromagnetic or other interference may still exist. Relocating the device may help to eliminate the interference.

Guidance and Manufacturer's Declaration - Electromagnetic Emissions		
The CuraR2 is intended for use in the electromagnetic environment specified below. The customer or the user of the CuraR2 should ensure that it is used in such an environment.		
Emissions Test	**Compliance**	**Electromagnetic Environment - Guidance**
RF Radiated Emissions CISPR 11	Group 1	The CuraR2 uses RF energy only for its internal function. Therefore,its RF emission is very low and are not likely cause any interference in nearby electronic equipment.
RF Conducted Emissions CISPR 11	Class B	The CuraR2 is intended to be used in all establishments, including domestic establishments and establishments directly connected to the public low-voltage power supply network.
Harmonic Emissions IEC 61000-3-2	Class A	
Voltage Fluctuations/Flicker emissions IEC 61000-3-3	Clause 5 of IEC61000-3-3	

Guidance and Manufacturers Declaration - Electromagnetic Immunity			
The CuraR2 is intended for use in the electromagnetic environment specified below. The customer or the user of theCuraR2 should assure that it is used in such an environment.			
Immunity Test	**IEC60601 Test Level**	**Compliance Level**	**Electromagnetic Environment - Guidance**
Electrostatic discharge (ESD) IEC61000-4-2	±8kV contact ±2kV, ±4kV, ±8kV, ±15kV air	±8kV contact ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, relative humidity should be at least 30 %.
Electrical fast transient/burst IEC61000-4-4	± 2kV for power supply lines ± 1kV for input/output lines	± 2kV for power supply lines ± 1kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC61000-4-5	± 0.5kV, ± 1kV line(s) to lines ± 0.5kV, ± 1kV, ± 2kV line(s) to earth	± 0.5kV, ± 1kV line(s) to lines ± 0.5kV, ± 1kV, ± 2kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and Voltage variations on power supply input lines IEC61000-4-11	0 % U_T; 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270°and 315° 0 % U_T; 1 cycle and 70 % U_T; 25/30 cycles Single phase: at 0° 0 % U_T; 250/300 cycles	0 % U_T; 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270°and 315° 0 % U_T; 1 cycle and 70 % U_T; 25/30 cycles Single phase: at 0° 0 % U_T; 250/300 cycles	Mains power quality should be that of a typical commercial or hospital environment. If the user of CuraR2 requires continued operation during power mains interruptions, it is recommended that CuraR2 be powered from an uninterruptible power supply.
Power frequency (50 Hz/60 Hz) magnetic field IEC61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: U_T is the A.C. mains voltage prior to application of the test level.			

Guidance and Manufacturers Declaration - Electromagnetic Immunity

CuraR2 is intended for use in the electromagnetic environment specified below. The customer or the user of CuraR2 should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Conducted RF IEC61000-4-6	3 V 0.15 MHz to 80 MHz 6 V in ISM bands between 0.15 MHz and 80 MHz	3 V 0.15 MHz to 80 MHz 6 V in ISM bands between 0.15 MHz and 80 MHz 3Vrms (emf), 6Vrms (emf) in ISM bands between 0.15 MHz and 80 MHz 80%, 1 kHz	Portable and mobile RF communications equipment should be used no closer to any part of CuraR2, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance** $d=1.2\sqrt{P}$ $d=1.2\sqrt{P}$ 80 MHz~800 MHz $d=2.3\sqrt{P}$ 800 MHz~2. 5 GHz 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,[a] should be less than the compliance level in each frequency range.[b] Interference may occur in the vicinity of equipment marked with the following symbol: 
Radiated RF IEC61000-4-3	3V/m 80 MHz to 2.7 GHz	3V/m	

NOTE 1 At 80 MHz and 800 MHz, 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.

[a] 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 CuraR2 is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the CuraR2.

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.