

AQUAPURE II

Smart Genuine Facial Care System



Go Pure
Be Youth

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AQUAPURE II

TREATMENT

The following guidelines and precautions are intended for conducting proper procedural methods on the patient with the AQUAPURE II Main Body and System.

Refer to these instructions for safe and successful treatments with the AQUAPURE II.



Introduction

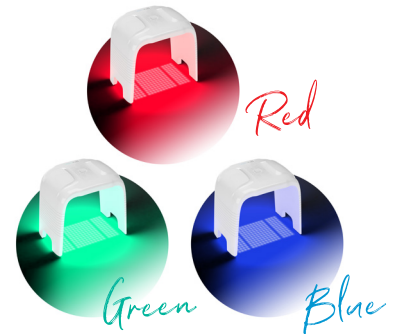
AQUAPURE II System



The AQUAPURE II is a minimally-invasive, multifunctional facial and body care device that treats a variety of skin conditions including dehydrated skin, hyperpigmentation, fine lines in patients with diverse skin profiles. Each AQUAPURE II Hand-piece treatment results in dramatic improvement of aging skin and other skin conditions with skin-nourishing solutions that delivers immediate results.

Introduction

AQUAPURE II Hand-pieces



Diamond Peel

- Abrasive Diamond head slightly thins out the top layer of the skin to open pores to facilitate microdermabrasion without AQUAPURE Solution flow.
- Diamond hand-pieces combines with vacuum activated abrasion for effective microdermabrasion.

AD (Aqua+Diamond) Peel

- AD Peel technology produces tiny channels on the skin to enhance solutions delivery for maximizing effect of microdermabrasion. Advanced concept of AD (Aqua + Diamond) Peel technology improves skin exfoliation and extraction in a shorter time, thus reducing treatment time with precise solution control technology.
- AD Peel Operates with PEEL+, SEBO+, REJUVE+, CLEANSYS

AQUA MF (Micro focused) Needle

- Vacuum assisted micro focused needle improves micro-circulation down to DE junction (dermo-epidermal), stimulating new collagen generation.
- New transdermal delivery technology with vacuum maximizes treatment comfort, efficacy and results.

LIGHTPURE

- LED light therapy with simultaneous use of AD Peel or AQUA MF Needle on the different part of treatment areas.
- 625nm Red light Clinical application
RED light therapy improves blood circulation and facilitates skin rejuvenation.
- 520nm Green light Clinical Application
Green Light helps balancing the skin water and oil with calming effect with anti-inflammatory properties.
- 465nm Blue Light Clinical Application
Blue Light has Anti-Inflammation effect and Anti-Bactericidal Effect.

AQUASOLUTION Range



PEEL+

Facilitates the thorough process of exfoliation, removing impurities like dead skin cells and black-heads

SEBO+

Helps the skin maintain a healthy balance between oily and moist tones for sebum dissolution

REJUVE+

Promotes elasticity by inducing collagen and elastin regeneration, improving water retention to prevent moisture loss

CLEANSYS

A primary cleaning agent formulated for an effective maintenance procedure

Precautions for Treatment

Contraindications

The AQUAPURE II is contraindicated for use in patients with:

- Pregnancy or when breastfeeding
- Severe or cystic acne
- Facial nerve tumors
- Allergies to AQUASOLUTION ingredients
- Open wounds, abrasions, and inflammation on the treatment areas
- Allergies to chemical peels
- Multiple Sclerosis (MS)
- Hemorrhagic disease, any trauma or a person who is bleeding
- Skin inflammation or edema on the treatment areas
- Currently taking steroid or cortisone injection
- Having a pacemaker
- Photo-allergy (LIGHTPURE Treatment)
- Currently taking medication that cause light sensitivity (LIGHTPURE Treatment)

Preferred Patient Selection

Patients who comply with the following requirements are preferred for yielding greater results:

- Overall healthy skin
- No recently formed wounds within the treatment area

*The above are recommendations and not requirements.

Pain Management

For patients who report higher pain sensitivity levels, is recommended the following during procedure to reduce discomfort:

- Local or topical anesthetics
- Oral pain medication
- Topical numbing cream

*No further pain medication is necessary following treatment.

Precautions for Patient

Consult with medical experts to decide whether treatment is appropriate for the following conditions:

- Epilepsy and seizures
- Skin conditions caused by autoimmune diseases, skin cancer, and Herpes Simplex
- Oral, topical, or invasive treatments to skin within varied periods prior to receiving the AQUAPURE II procedure
- Conduct a patch test on the skin before using acid-based products
- Allow 24-48 hours to monitor if an irritation occurs
- Local facial areas of impaired circulation
- Abnormal sensation of the treatment areas
- Person who went through a surgical procedure within 3 months
- Decreased sensation
- Dermatitis or eczema
- Type 1 Diabetes
- Experiencing skin rash
- Having underlying diseases (cardiovascular, endocrine, nerve diseases, skin infections)

*For specific precautionary measures of each AQUAPURE II Hand-piece, refer to 'Precautions for AQUAPURE II Procedures' of this Treatment Guide.

Patient Consultation

For accurate assessment and treatment plan of the patient:

- Check the patient's medical history.
- Check previous medical-surgical procedures performed on the proposed treatment areas.
- Assess each patient's skin condition of intended treatment areas.
- Consult with patients about their main concerns and expected outcomes.

Precautions for Treatment

Precautions for System Safety

To ensure safety of the System and proper maintenance of the AQUAPURE II:

- Keep the surfaces of all Hand-pieces clean after use.
- Do not use chemical agents such as benzene, acetone, or lacquer thinner for cleaning the AQUAPURE II Hand-pieces. If any of the Hand-pieces have been dropped, replace individual applicators and inspect if they work properly so as to avoid any malfunction during treatment.

*For additional information, refer to the AQUAPURE II Maintenance Guide.

Post Treatment

Following the treatment, patients are recommended to follow post treatment care below

- Do not apply makeup for 24 hours after the procedure.
- Skin may flake off within 1 week. Avoid picking or exfoliating the treated areas.
- Cleanse the treated area with a gentle cleanser with lukewarm water.
- Wear a sunblock thoroughly.
- Avoid strenuous exercise, sauna or stim bath.

Precautions for Procedure

- Wear eye protection (during AD Peel and AQUA MF Needle treatment) or eye shields (during LIGHTPURE procedure) during AQUAPURE II Treatment.
- Remove jewelry and make-up.
- Do not directly look at the lights as it may cause eye damage during LIGHTPURE treatment.

Patient Consultation

Patients receiving the AQUAPURE II may react to responses which are mild and temporary as follows:

- Patients may experience varied tolerance levels of pain and discomfort during the treatment procedure.
- Erythema (Redness) and Bruising : The patient may show signs of mild redness and bruising in treated areas after treatment that will typically resolve within a few hours to a few days.
- Edema (Swelling): The treatment area may show signs of mild swelling following treatment that will typically resolve within 48 hours.
- Pinpoint bleeding is an uncommon reaction though it may occur during or after the treatment.

Treatment

Preparation for Treatment



Latex Gloves



Facial Masks



**Cotton pad and
Tape**



Tissues



Eye Shields

1. Assess the patient's skin condition.
2. Choose the right parameters of AQUAPURE II treatment based on patient's indications.
*Please refer to Quick Operation Guide.
3. Clean the facial or body area to be treated and if facial treatment is performed, have patients wear eye protection (cotton pad with tape to properly cover the eyes) or eye shields (LIGHTPURE Treatment).
4. Inspect the condition of each hand-piece before proceeding the treatment.

Precautions for AQUAPURE II Procedures

○ Precautions for AD Peel, AQUA MF Needle and Diamond Treatment

Contraindications

The AD Peel, AQUA MF Needle, Diamond treatment is contraindicated for use in patients with

- Pregnancy or when breastfeeding
- Open wounds, abrasions, bleeding and inflammation on the treatment areas
- Severe or cystic acne
- Allergies to AQUASOLUTION ingredients
- Allergies to chemical peel
- Multiple sclerosis (MS)
- Hemorrhagic disease, any trauma or a person who is bleeding
- Skin inflammation or edema on the treatment areas
- Currently taking steroid or cortisone injection

○ Precautions for Patient

Consult with medical experts to decide whether the treatment is appropriate for the following conditions

- Type 1 Diabetes
- Skin conditions caused by autoimmune diseases, cancer, and Herpes Simplex
- Oral, topical, or invasive treatments to skin within varied periods prior to receiving the AD Peel and AQUA MF Needle procedure
- Ensure to conduct a patch test on the skin before using acid-based products. Allow 24-48 hours to monitor if an irritation occurs.
- Local facial areas of impaired circulation or decreased sensation
- Dermatitis or eczema
- Having underlying diseases (cardiovascular, endocrine, and nerve diseases, skin infections)
- Person who went through a surgical procedure within 3 months

○ Precautions for Procedure

- Have the patient remove makeup or other facial applications by a thorough face wash to prevent obstruction of solutions used during the AQUAPURE II treatment.
- Before commencing treatment with the AQUA Hand-piece, ensure to test for effective solution distribution by adjusting the Hand-piece Flow to level 20.
- Clean the AQUA Hand-piece twice after PEEL+ or SEBO+ and REJUVE+ procedures and at the end of each day of operations to prevent buildup of solution ingredients during the AQUAPURE II treatment.
- Post procedure, the following side effects and risks from receiving the treatment may include discomfort at the site, redness, bruising, slight tightness, and swelling in treated areas which may last from a few hours to a few days post treatment. Pinpoint bleeding is an uncommon reaction though it may occur during or after the treatment.
- Do not use the equipment without prior training, meeting qualifications or permission to operate by an authorized CLUEDERM representative.
- Check the patient's medical history for health assessments (allergic reactions, both internal and external health disorders, and injuries that might react negatively during the AQUAPURE II treatment).
- Ensure to adjust the suction levels based on the patient's skin sensitivity and procedure parameters.
- Patients must wear eye protection to avoid contact with PEEL+, SEBO+, and REJUVE+ solution during the AQUAPURE II treatment (covering eyes with cotton pads and tape)

Precautions for AQUAPURE II Procedures

○ Precautions for LIGHTPURE

Contraindications

The LIGHTPURE Treatment is contraindicated for use in patients with:

- Having a pacemaker
- Open wounds, abrasions, bleeding and inflammation on the treatment areas
- Photo-allergy
- Currently taking medication that cause light sensitivity

○ Precautions for Patient

Consult with medical experts to decide whether treatment is appropriate for the following conditions:

- Experiencing skin rash
- Epilepsy and seizure
- Abnormal or decreased sensation in the face
- Having underlying diseases (cardiovascular, endocrine, and nerve diseases, or skin infections)
- Person who went through a surgical procedure (especially in ocular surgery) within 3 months

○ Precautions for Procedure

- Always wear Eye Shields
- Remove makeup.
- Remove jewelry (earring, piercing or necklace).
- Do not directly look at the lights.
- Post procedure, the following side effects and risks from receiving the treatment may include redness, rash, pain, tenderness and hives that will typically resolve within a few hours.
- 10~15 minutes per session (1~2 times per week for 6 weeks period recommended)

Treatment



Diamond Peel



AQUA Peel



MF(Micro-Focused) Needle



Suction



LIGHTPURE

Treatment Steps for AQUAPURE II

1. Turning the System ON

Press the 'I' symbol on the AC Power Switch located behind the Main Body to turn the System ON.

2. Selecting the Hand-piece (Auto Recognition system)

Select the Hand-piece based on patient assessment and treatment area targeted:

- Diamond Hand-Piece (Dry Abrasive Peel, option)
- AQUA Hand-Piece (AD Peel Tip)
- AQUA Hand-Piece (AQUA MF Needle Tip)
- LIGHTPURE Hand-Piece

*AD Peel Tip and AQUA MF Needle for one-time use only

3. Inspecting the Hand-piece

Always inspect the physical condition of the Hand-piece and ensure that there are no remaining residues of solutions or dust particles before proceeding the treatment.

4. Loading the AQUAPURE II interface

Remove the AQUAPURE II Hand-piece from its Hand-piece Holder to load AQUAPURE II Interface.

5. Setting Parameters and Preferences

Set the parameters and preferences (time, vacuum, flow and a type of solution) on the AQUAPURE II Interface and press START.

The following settings are available to be customized:

- '1' for PEEL+ (EXFOLIATION)
- '2' for SEBO+ (SEBUM DISSOLUTION)
- '3' for REJUVE+ (REJUVENATION)
- 'C' for CLEANSYS (CLEANSING AGENT)
- AQUA Hand-piece Flow adjustable from 1 to 20
- Vacuum Level adjustable from 0 to 10
- Timer adjustable to 30 Minutes
- Volume adjustable from 0 to 5

⚠ The CLEANSYS function should not be used for treatment as it is restricted to clean the AQUA Hand-piece at its defaulted parameter (for 1 minutes).

⚠ Before proceeding with the AQUAPURE II treatment, ensure that there is a sufficient amount of solutions in each AQUASOLUTION bottle that is attached to each receiver (4x) in order from left to right of the Main Body:

1. PEEL+
2. SEBO+
3. REJUVE+
4. CLEANSYS

*For additional information, refer to the AQUAPURE II Maintenance Guide.

Treatment Steps for AQUAPURE II

6. Conducting a Solution Distribution Test

Conduct a test to check if distribution of the solution is consistent and stable prior to the procedure.

*Refer to the section “Suction of the AD Peel Hand-piece” of this Treatment Guide to conduct a proper solution distribution test.

7. Applying Eye Protection

Ensure to apply proper eye protection in order to avoid contact with AQUAPURE solutions during the AQUAPURE II procedure (cover the patient’s eyes using cotton pads and tape).

8. Diamond Peel (option)

Select Diamond Peel (Dry abrasion) icon on the GUI and set a parameter before proceeding with treatment.

9. AD Peel

Select AQUA Hand-piece icon on the GUI and set a parameter before proceeding with treatment. Select AD Peel Tip and attach the Tip on the AQUA Hand-piece.

10. PEEL+

Press ‘1’ on the top of the screen after holding the AD Peel Hand-piece to select PEEL+ for exfoliation and removing impurities and set the parameters before proceeding with AD Peel treatment.

11. SEBO+

Press ‘2’ on the top of the screen to select SEBO+ for sebum dissolution and set the parameters before proceeding with AD Peel treatment.

12. CLEANSYS

Remove the AD Peel Treatment Tip and attach the Cleaning Cap on the AQUA Hand-piece. Press ‘C’ on the screen to select CLEANSYS and to press START. To proceed with the treatment, place the AQUA Hand-piece into its Hand-piece holder and wait for 1 minute until the cleaning process is complete.

*For additional details on cleaning the Hand-piece with the Cleaning Cap during and after the AD Peel procedure, refer to “Cleaning the AD Peel Hand-piece with CLEANSYS.”

13. REJUVE+

After the cleaning process is complete, hold the AQUA Hand-piece from the Hand-piece Holder and attach AQUA MF Needle Tip on the AQUA Hand-piece. Press ‘3’ to select REJUVE+ and set the parameters before proceeding with treatment.

14. CLEANSYS

Re-attach the Cleaning Cap and repeat the cleaning process as referred to in step ‘12’.

15. Cleaning the Treatment Area

Wipe the treatment area for any remaining solutions with wet tissues or cotton pads.

16. Applying Eye Shields (if LIGHTPURE Treatment proceeded)

Ensure to apply eye shields in order to protect patients’ eyes from LIGHTPURE Treatment .

17. LIGHTPURE Treatment

Select LIGHTPURE icon and set a parameter based on the patient’s indications.

* LED therapy and AD Peel treatment or AQUA MF Needle treatment can be performed simultaneously on the different part of the treatment areas.

18. Cleaning the Hand-piece

Wipe each AQUA Hand-piece with a standard 50-70% isopropyl alcohol prep pad before placing it into its Hand-piece Holder.

Suction of the AQUA Hand-piece

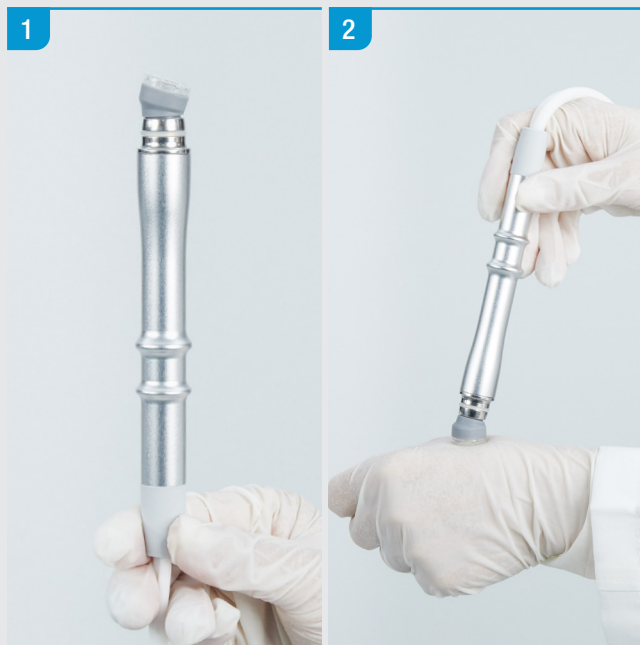
When using the AQUA Hand-piece (AD Peel, AQUA MF Needle), solution distribution may not work immediately after the component is activated. To test for effective solution distribution, refer to the following:

1. Set the parameters on the Graphical User Interface (GUI) and Hand-piece flow to the maximum setting.
 - Vacuum Level: 10 (MAX)
 - Flow Setting: 20 (MAX)
2. Press START and place the AD Peel or AQUA MF Needle Hand-piece firmly on the back of your hand to block any discharge of solutions.
3. After a successful solution cycle of the Hand-piece, commence with the treatment procedure.

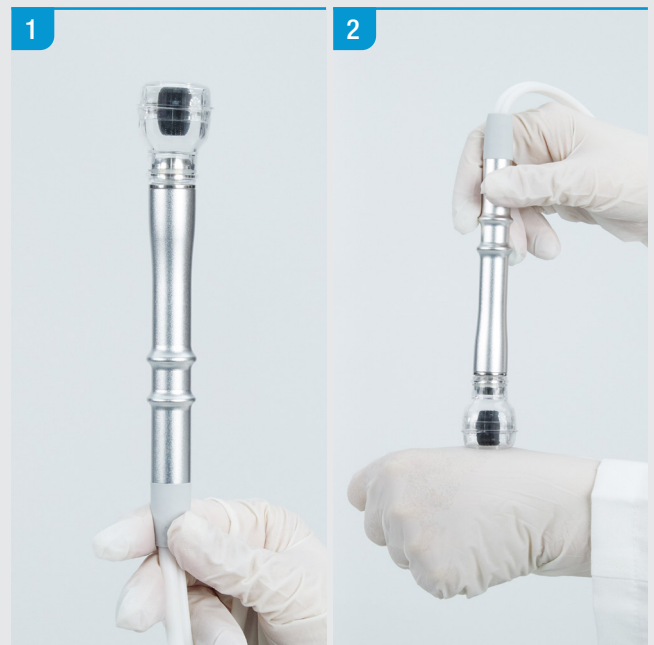
If the suction capability of the AQUA Hand-piece is still not suffice, refer to the following:

1. Check that there is a sufficient amount of solution in each AQUASOLUTION bottle.
2. Check that the tubes of the Main Body are not kinked and properly submerged into each AQUASOLUTION bottle.
3. Ensure that the AD Peel Tip or AQUA MF Needle Tip is properly attached to the AQUA Hand-piece.
4. Disconnect and reconnect the Waste Container to ensure that it is locked airtight.
5. Check that the lid to the water filter is firmly locked.
6. If the problem persists, contact the CLUEDERM service team.

AD Peel



AQUA MF Needle



Cleaning the AQUA Hand-piece with CLEANSYS

The AD Peel Hand-piece and AQUA MF Needle hand-piece require System cleaning procedures with the CLEANSYS solution following the use of both PEEL+ or SEBO+ and REJUVE+ solutions or when the System has been idle for extensive periods of time.

1. Hold the AQUA Hand-piece out of its Hand-piece Holder. The Graphical User Interface (GUI) will change to the AQUAPURE Interface if the Hand-piece Automatic Recognition function is activated or manually select AQUA icon on the bottom of the Graphical User Interface (GUI).
2. Attach the Cleaning Cap onto the AQUA Hand-piece and ensure that there is a sufficient amount of CLEANSYS solution in the bottle connected to the Main Body.
3. Select 'C' on the GUI and press START to commence with the cleaning cycle.
4. Place the AQUA Hand-piece back onto its Hand-piece Holder until completion of the cleaning cycle (duration: 1 minute).

*All settings for CLEANSYS are set by default.

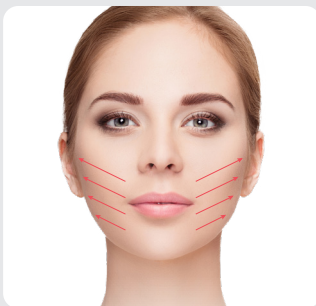


Treatment

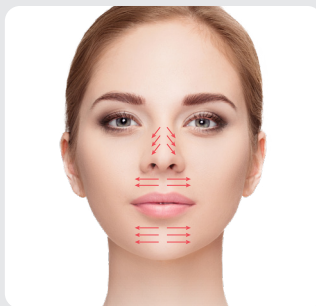
Parameters for AD Peel, AQUA MF Needle and Diamond Peel

PEEL+ / SEBO+ / REJUVE+

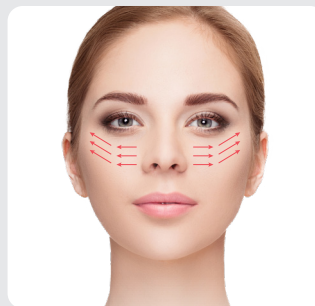
Face Treatment



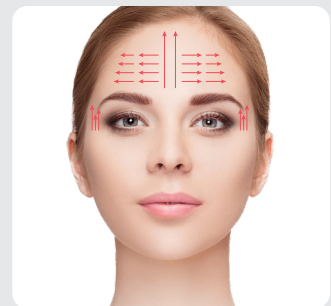
Step 1 Upward diagonal strokes



Step 2 Downward strokes

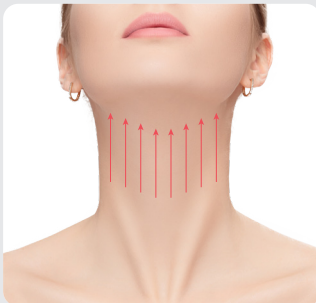


Step 3 Outward strokes



Step 4 Outward strokes

Body Treatment



Neck



Décolleté



Abdomen



Thigh

Parameters for AD Peel and AQUA MF Needle

PARAMETERS	Solution 1 / PEEL+	Solution 2 / SEBO+	Solution 3 / REJUVE+
TIME (minutes)	3~5	3~5	5
VACUUM LEVEL	3~5	3~5	3~5
FILOW	2~3	2~3	2~3

Parameters for Diamond Peel

PARAMETERS	FACE Tips	Scar Tips	Eye Tips	Body Tips
TIME (minutes)	3~5	3~5	3~5	5
VACUUM LEVEL	3~5	3~5	2~4	4~6

- Clean the AQUA Hand-piece twice after PEEL+ or SEBO+ and REJUVE+ procedures to prevent buildup of solution ingredients during the AQUAPURE II treatment.
- Ensure to adjust the levels based on the patient's skin sensitivity and procedure parameters.
- Patients must wear eye protection to avoid contact with PEEL+, SEBO+, and REJUVE+ during the AQUAPURE II treatment (cover the patient's eyes using cotton pads and tape) .

*The following are recommendations for treating the target areas and results may vary.

Treatment Steps for LIGHTPURE

1. Assessing the patient's skin type and condition to choose LIGHTPURE parameters

Red Light : Improving skin rejuvenation and blood circulation

Blue Light : anti-inflammatory effects

Green Light : Improving balance of skin water and oil with calming effects

*Please refer to Parameters of LIGHTPURE Hand-piece for use of combination of three LED color treatment

2. Selecting LIGHTPURE Hand-piece

Select LIGHTPURE Hand-piece from the bottom of main body

3. Pressing LIGHTPURE icon

Press LIGHTPURE icon from the bottom of the GUI

4. Inspecting the LED Hand-piece

Always inspect the physical condition of LIGHTPURE Hand-piece and that there are no damage or faulty parts before proceeding with treatment.

5. Setting the Parameters and Preferences

Set the parameters and preferences on the GUI and press START.

The following settings are available to be customized:

- Time
- Colors of LED (RED, Green, Blue)
- Intensity of LED adjustable to 10

6. Having the patient wear eye shields

Ensure to apply eye shields in order to protect eyes from LIGHTPURE Treatment.

7. Placing LIGHTPURE Hand-piece

Place LIGHTPURE Hand-piece over the patient's face while the patient is in a supine position.

8. Pressing START

Press START to proceed with treatment

9. Cleaning the Hand-piece after the treatment

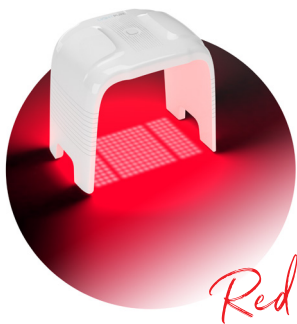
Wipe LIGHTPURE Hand-piece with a standard 50-70% isopropyl alcohol prep pad before placing it into its Hand-piece Holder at the bottom of the main body.

Treatment

Parameters for LIGHTPURE Hand-piece

Clinical Application of LIGHTPURE

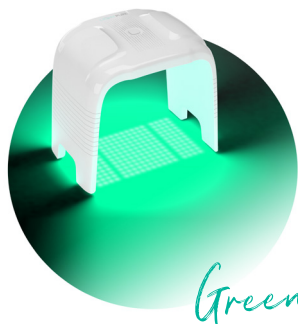
RED Light



Wavelength 625nm

Skin Rejuvenation
Blood Circulation

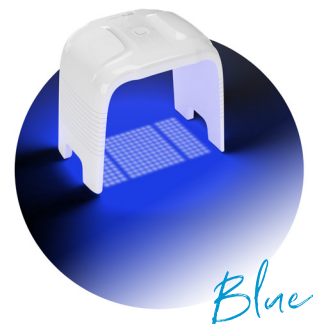
GREEN Light



Wavelength 520nm

Calming effect
Balance of skin water & oil

BLUE Light



Wavelength 465nm

Bactericidal Effect
Anti-inflammatory Effect

LED Color On GUI

Color	Red	Green	Blue	Violet	Yellow	Light Blue	White
Effect	- Skin Rejuvenation - Blood Circulation	- Calming and soothing effect - Balance of skin water & oil	- Anti-bacterial Effect - Anti-inflammatory effect	- Healing and repairing - Skin rejuvenation effect	- Improving wrinkles and redness	- Anti-bacterial with soothing	- Improving fine lines and sagging skin

PARAMETERS	RED Light	GREEN Light	BLUE Light	Combination of LED
TIME (minutes)	10~15	10~15	10~15	10~15
INTENSITY	5~7	5~7	5~7	5~7

*1~2 sessions per week for 6 weeks period recommended

- Simultaneous use of AD Peel and AQUA MF Needle Treatment on the different part of the treatment areas e.g. Body treatment using AD Peel with LIGHTPURE Treatment on the face.
- Combination use of RED, BLUE and GREEN light possible based on the patient's need e.g. RED+BLUE, RED+GREEN, RED+BLUE+GREEN
- Ensure to apply eye shields in order to protect eyes from LIGHTPURE Treatment.

Refer to additional training material for the proper and professional use of the AQUAPURE II

- Maintenance Guide
- Installation Guide
- Quick Operation Guide
- Operation Manual

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TREATMENT GUIDE

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