

SMARTLUX MINI PARAMETERS

MEDMIX CO., LTD



PARAMETERS

SMARTLUX MINI - HEAD1(BLUE + RED + IR)

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Clinical Indication	Light Color (Head Type)	Power Level (Brightness)	Time	Frequency	Remarks
Acne With Photosensitizers (ALA)	Blue	2	5 M	Once a week	Keep away from direct sunlight(UV) for a week. Moisturizing treatment is necessary.
Acne Without Photosensitizers (ALA)	Blue + Red	1	7 M	Twice a week	Keep away from direct sunlight(UV) for a week. Moisturizing treatment is necessary.
Cell Reproduction, Wound Healing	Red + IR	5	15 M	2~3 times a week	Keep away from direct sunlight(UV) for a week. Moisturizing treatment is necessary.
Pain Relief	Red + IR	5	15 M	2~3 times a week	
Hair/Scalp Treatment	Red	5	20 M	Three times a week	With Mesotherapy or Growth Factor or Derma Stamp

Special Treatment: Photo Dynamic Therapy(PDT) for Acne

PDT is a treatment for acne through the irradiation of specific wavelength after applying *photosensitizer cream(ALA) on a face.

ALA TYPE	Methyl-ALA 13%
PROCESS	1.Cleansing & Deep Cleansing
	2. (Optional) Extruding Comedo (Acne)
	3. Applying ALA on a face -Spread ALA on a face evenly with gloves to penetrate deep into the skin -Use ALA 0.5ml-1.0ml -Use more ALA especially on the spot of severe acne
	4. Incubating 45 to 60 minutes to be absorbed into the skin -Cover a face with warm towel or gauze during the incubation -Block out the light during the incubation
	5. Wash away ALA remaining on a face
	6. Use Smartlux Mini Blue + Red at level 3 for 5 minutes once a week
	7. Post Care: Skin Moisturizing & UV Protection
CAUTION	Beware that ALA does not get into the eyes

*A photosensitizer is classified into "5-ALA(5-aminolevulinic acid)" and "MAL(methyl aminolevulinic acid)". Generally, MAL is used for the acne treatment as a photosensitizer.

PARAMETERS

SMARTLUX MINI - HEAD2(YELLOW + RED + IR)

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Clinical Indication	Light Color (Head Type)	Power Level (Brightness)	Time	Frequency	Remarks
Hair/Scalp Treatment	Red	5	20 M	Three times a week	With Mesotherapy or Growth Factor or Derma Stamp
Bruise, Swelling	Yellow + IR	5	20~30 M	More than Twice a week	At least 5times are recommended within 10days right after the surgical operation.
Wound Healing	Yellow + Red+ IR	5	15 M	More than Twice a week	
Pain Relief	Yellow + IR	5	20~30 M	More than Twice a week	
Inflammation Treatment	Yellow + Red+ IR	5	15 M	More than Twice a week	
Vascular Lesion	Yellow + IR	5	20~30 M	More than Twice a week	

PARAMETERS

SMARTLUX MINI - HEAD3(BLUE + RED + YELLOW)



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Clinical Indication	Light Color (Head Type)	Power Level (Brightness)	Time	Frequency	Remarks
Acne With Photosensitizers (ALA)	Blue	2	5 M	Once a week	Keep away from direct sunlight(UV) for a week. Moisturizing treatment is necessary.
Acne Without Photosensitizers (ALA)	Blue + Red	1	7 M	Twice a week	Keep away from direct sunlight(UV) for a week. Moisturizing treatment is necessary.
Post-laser Erythema, Edema	Red	5	10 M	Three times a week	Moisturizing treatment is necessary.
Skin Rejuvenation (Collagen, Elastin)	Red + Yellow	5	15 M	Three times a week	Moisturizing treatment is necessary.
Bruise, Swelling	Red + Yellow	5	15 M	More than Twice a week	
Whitening	Yellow	5	20 M	More than Twice a week	
Vascular Lesion	Yellow	5	20~30 M	More than Twice a week	

Cautions



1 ADJUST LIGHT COLOR, POWER LEVEL, TIME DEPENDING ON A PATIENT'S SKIN TYPE AND SENSITIVITY.

2 WEAR EYE PROTECTOR TO USE SMARTLUX.

3 DO NOT USE SMARTLUX FOR A PATIENT WHO HAS CATARACT, GLAUCOMA, ALLERGY TO THE LIGHT OR WHO IS EPILEPTIC, PREGNANT WOMAN.

4 APPLY SUNBLOCK AFTER THE TREATMENT TO PROTECT THE SKIN.

5 15CM IS RECOMMENDED BETWEEN USER'S FACE AND THE SMARTLUX LIGHTS.