LED DIODE · SEVEN COLORS · EVEN ENERGY

2027 MD Lasers LED/PDT Therapy

LED photodynamic skin therapy with seven color modes, even energy distribution, and a flexible, rotating treatment arm. Offered in two configurations: LP200 and LP200S.

7
LED COLORS

15–30 min
TYPICAL SESSION

2 models
LP200 AND LP200S

8-inch
TOUCH SCREEN



Designed for treatments addressing

- Wrinkles
- Pigmentation
- Acne
- Rosacea
- Scarring
- Tightening
- Skin rejuvenation
- Dull skin

LP200
1500 diodes
400 W · single treatment head

LP200S
3000 diodes
800 W · dual treatment heads

SESSION
15–30 min
No-contact illumination

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PRINCIPLE OF TREATMENT

Light that modulates cellular function



LED therapy is the therapeutic use of light to modulate cellular function to improve and quicken wound healing, treat acne, rejuvenate the appearance of skin, stimulate hair growth, improve local circulation, perform 5-ALA photodynamic therapy (PDT), and relieve pain and stiffness in muscles and joints.

The light is placed over the skin with no contact and is illuminated for a period of 15–30 minutes. This allows absorption of photons (light particles) into the target cellular components, resulting in the production of new cellular energy. The response of the inflammatory-stage cells is enhanced, and small proteins are released which support the growth, survival, and differentiation of new cells.

No contact
LIGHT IS PLACED OVER THE SKIN

15–30 minutes
TYPICAL ILLUMINATION TIME

5-ALA PDT
PHOTODYNAMIC THERAPY CAPABLE

SEVEN DIFFERENT COLORS

A wavelength for each concern



400–420 NM

Purple

A combination of red and blue light. Helps eliminate toxins, reduces inflammation, and improves healing and circulation of blood.



430–450 NM

Blue

Reduces sebaceous activity and acne vulgaris. Works to clear congestion and kills acne-causing bacteria.



500–520 NM

Cyan

Calms and soothes irritated skin. Supports reducing the size of swollen capillaries.



570–600 NM

Yellow

Stimulates collagen production and assists wound repair to naturally heal and regenerate skin from within. Beneficial for rosacea and post-laser treatments.



590–630 NM

Orange

Promotes a brighter glow for more radiant skin and adds vitality to dull, lifeless complexions.



400–700 NM

White

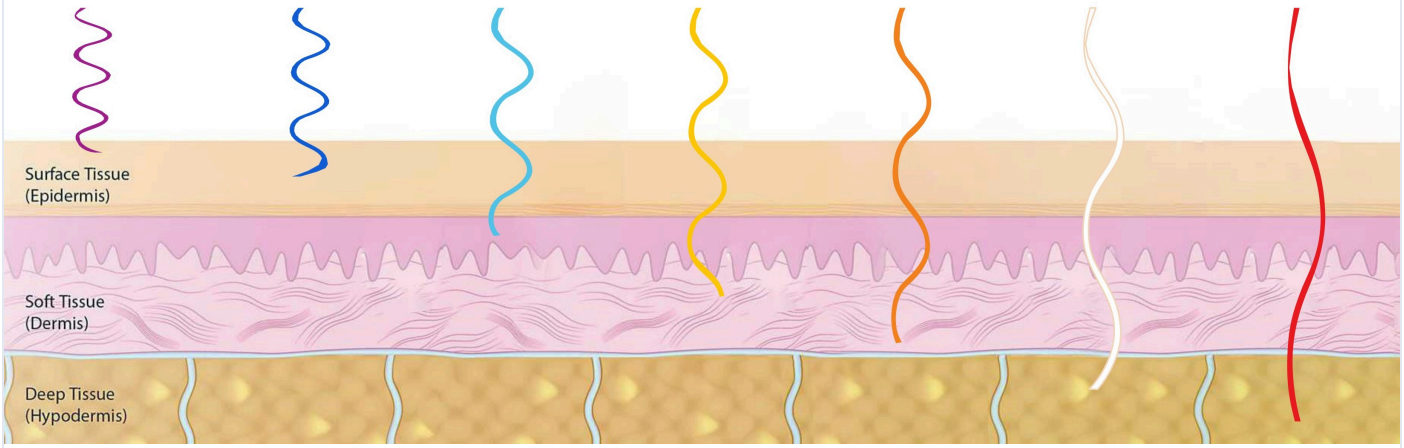
Mixed light. Accelerates active tissue metabolism, reduces fine lines and sagging skin, and supports rapid cell turnover.



630–700 NM

Red

Increases blood circulation and lymphatic drainage to encourage cellular renewal and promote a youthful complexion.



Relative penetration from the epidermis into the dermis and hypodermis.

ADVANTAGES

Flexible arm, adjustable head, even energy



Flexible treatment arm

The arm adjusts to the treatment area. Lifting range is 25 cm. A mechanical spring structure is designed for long life and more stable positioning, with 180° free rotation.

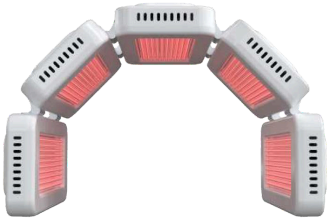






Adjustable head

The head adjusts for large coverage or focused intensity.



User-friendly interface



An 8-inch touch screen with pulse and continuous working modes.

Even energy distribution



Optimized Flat Distribution (OFT) allows even and consistent energy distribution throughout the entire target layer and area, resulting in consistent results, every time.

High-power diodes



High-power LEDs, 100 mW per diode.

OUTCOMES

LED light therapy benefits include

- Repair and rejuvenate skin
- Increase blood flow to tissue
- Stimulate collagen production
- Relief of muscle and joint pain / pain management
- Improve skin tone and texture
- Decrease the risk of bruising
- Treat acne, dermatitis, rosacea, and psoriasis
- Decrease recovery time
- Decrease deeper lines and wrinkles
- Stimulate ATP — cellular energy
- Skin tightening
- Increase the skin's natural hydration
- Wound healing
- Stimulate serotonin to the brain



Tone and texture Before / after



Acne Before / after



Perioral lines Before / after



Acne Before / after



Pigment and tone Before / after



Texture Before / after

Individual results vary.

TECHNICAL DATA

LP200 and LP200S

Specification	LP200	LP200S
Diode quantity	1500	3000
Power	400 W	800 W
Diode power	100 mW/diode	
Wavelength	400–700 nm	
LED colors	Red, blue, yellow, orange, cyan, purple, white	
Screen	8-inch touch screen	
Working mode	Pulse mode / continuous mode	
Arm lift range	25 cm, 180° rotation	



LP200
1500 diodes · 400 W



LP200S
3000 diodes · 800 W

Sales, service & support from MD Lasers
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Specifications subject to change without notice. Regulatory status and intended use vary by market; contact MD Lasers for details.