

Mona®

Q:switch Nd:yag Laser Skin care system

Mode No.:SQ-3



Therapy Principle



Therapy of epidermis and dermis pigmentation

- Utilizing the explosive effect of the Nd: YAG laser, the laser permeate the epidermis into the dermis which includes amount of pigment mass. Since the laser pulses in nanosecond but with super high energy, the shot pigment mass swell quickly and breaks into small pieces, which will be eliminated through metabolic system.

Therapy of the dilatation of capillary vessel

- Utilizing the heat effect of the Nd: Yag Laser, the laser is absorbed by the hemachrome in the capillary vessel, then the capillary vessel become blocked and disappear.

Indications





- **Dermis pigmentation:**
  Birth mark, such as: Ota nevus, Ito nevus, black nevus
  Pigment, such as: sun-burn spots, age spots, speckle, freckle, senior fleck
  Man made pigment: Blue, black, red, brown tattoo, lips line, eyebrow line
- **Epidermis pigmentation, Speckles:** such as freckle, senior flecks, coffee spot.....
- **Vascular lentigines:** vascular lesion, spider vessel, spider veins
- **Skin rejuvenation with laser peeling**

Technical Specification

Light source	Q-Switch ND: YAG solid-state laser
Wavelength	1064nm, 532nm
Output Energy	1064nm: 100-1500mj; 532nm:100-800mj
Energy density(max.):	1064nm: 15.0J/cm2; 532nm:8j/cm2
Pulse duration	8±2ns
Repetition Rate	1-10hz adjustable
Spot Size	φ1-8mm adjustable
Light guide beam	650nm red laser
Cooling System	Closed Cycle Water to Air Heat Exchanger
Laser delivery	7 jointed articulated arm
Controlling system	10.4inch TFT color touch screen
Power requirement	220V,10A,50/60Hz; 110v,10A, 50/60Hz
Machine dimensions	680mm×400mm×820mm
Net weight	75kg
Note:	Technical data changed will not inform specially

System advantages

7 jointed arm delivery system, make it easy for longtime treatment.

Red diode laser beam point, find the right treatment area exactly.

Motor drived auto-switching with 1064/ 532nm wavelength change.

Spot size can be adjusted through forcus ajdustment lens

High power built in water cooling system make the machine can be continuely use.

Operation and parameter adjustment with 10.4 inch color TFT touch screen.







User-friendly Interface









Accessories List





About Treatment

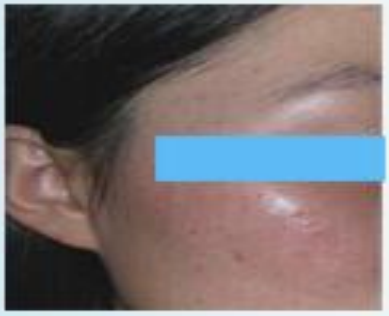
- No harm to the hair follicle and normal skin, leaving no scar.
- Short treating time and easy operation
- High quality controlled solid-state laser complying with international standard.
- Tiny sense of pain, Anesthesia is unnecessary in most cases
- No downtime and interruption of routine activities, no side effect.

Contra-indications:

- The special pigments may fall off and the common pigments precipitate since the vaporization of skin and death of cuticle.
- There may be swelling or blood clot under skin, but it will recover in 20 to 60 days, varied with individual's skin property. Low energy density (small spot) shall be used in the treatment of the brown or red pigment with 532nm wavelength laser. Repeating operation several times if necessary but at least with 2 months interval.
- Before starting the treatment, explain to clients the possible side effect. In some cases the paint of pigment contains iron ion, which will cause the paint oxidized and make the treatment failure.
- No washing with water and sunburn after the treatment against infection and pigment precipitation.

BEFORE & AFTER















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Welcome to visit







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