

## ST-B Catherine Two-in-One System

The Catherine two-in-one system was designed to achieve both permanent hair removal and skin rejuvenation with a single unit. It conveniently has two handles -one for hair removal treatments and one for skin rejuvenation treatments. The large spot size of the handles also shortens treatment time.



#### How does it work?

IPL (Intense Pulsed Light) is a kind of light with high energy and broad wavelength, within the range from 420 nm to 1200nm.

According to the principle of IPL photo-rejuvenation technology, intense pulsed light with broad spectrum affects pigmentations, broken capillary vessels and hair follicles. Photothermic and photochemical action will be triggered by the radiation of IPL, pigments is shattered and eliminated out of body by metabolism.

Meanwhile, IPL will also give a boost to collagen production, which can make the skin more flexible and smooth and remove fine wrinkles. The light with long wavelength can easily pass through epidermis to the hair follicles in the deep part of the skin.

At the targeted area, high temperature occurs to destroy follicles and hair shaft and prevent regrowth of new hair. With a series of treatments, IPL technology can help restore a more youthful appearance without downtime and side effect.



### **System Features**

- 1. Handle equipped with safety system and covered by a 20,000 shots per year warranty
- 2. Big spot size hair removal is fast and effective
- 3. Standard configuration are 2 treatment handles
- 4. The safety system ensures magnetic pump will not be damaged by a lack of water.
- 5. Double counting system ensuring the warranty
- 6. Handle shell made of V0 fire resistance material
- 7. Multilingual operation interface

#### **Treatment Range**

- A. Removing the undesired hair on armpits, lips, hairline, bikini and limbs and so on.
- B. Pathology of Pigments, birthmark, coffee spot
- C. Fine lines and wrinkles
- D. Spots caused by ageing and sun damage
- E. Black eye socket and other abnormal pigments.
- F. Improve the rough skin, enhance skin elasticity, repair acne.
- G. Rosacea and spider veins, bottle nose and red blood streak, vascular lesion

#### **Comparison Pictures**

Hair Removal



#### Varicose Vein Removal



#### **Pigment Removal**



#### **Skin Rejuvenation**





## **Technical Parameter**

Standard	SR, HR handles
Option	VR handle
Wavelength	560-1200nm, 640-1200nm
Controls	Press button control
Fluency	20-50J/cm <sup>2</sup>
Pulse duration	11-149.7ms
Frequency	≤1P/3S
Spot size	8×34mm ,16×57 mm (error rate≤0.2mm)
Cooling system	Semi-conductor cooling system & air cooling system & embedded circle water cooling system
Working period	Continuously stand-by working for 8 hours
Size	400×350×1030mm
Weight (net)	37kg (packing case + 26kg)
Fuse specification	Ø5×20 10 A
Power requirement	AC230V±10% 10A 50HZ

## **Contact Person**

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