

# IPL SYSTEM

## Features & Advantages

- Two beam size handpieces
- 5 kinds of wavelength, up to 10pcs filters are available
- Multi-languages supported
- Easy movement

## How does IPL work

The treatment is applied by placing a hand-held treatment unit on your skin. This generates an intense pulse of light into the skin which is absorbed by elements with colour in the skin. The IPL also eliminates hair, employing a method known as selective photothermolysis. This involves disabling hair growth mechanisms by raising the temperature of the hair follicle high enough to damage the follicles germinative cells without damaging the skin and surrounding surface.



The chromophores include melanin- brown (in pigmented areas) and haemosiderin- red (in blood vessels). Once the photons from the light hit the chromophore it turns to heat energy, destroying these abnormal areas, but leaving the healthy skin unscathed.

## What is Intense Pulsed Light Treatment

IPL is a non invasive medical technology that uses light therapy for permanent hair reduction, eliminating age spots, sun spots, freckles and other unsightly discolourations of the skin, superficial capillaries, port wine stains and other benign vascular lesions. It is also particularly effective for a high percentage of people with rosacea.

## Daphne 1800



## Daphne 2800

# IPL SYSTEM

www.jhlaser.com

## Technical Specification

Wavelength	420~1200nm
Filter	420/510/560/610/640nm~1200nm
Handpiece	1 IPL handpiece (Daphne1800), 2 IPL handpieces (Daphne2800)
Spot size	12x35mm (Daphne1800), 12x35mm and 15x50mm (Daphne2800)
Energy	10~60J/cm <sup>2</sup>
Pulse duration	2~20ms
Integrated skin cooling	-4°C~+10°C
Cooling system	Sophisticated air/water cooling and TE cooler on treatment head
Intelligent operation interface	6" (Daphne1800) or 8.4" (Daphne2800) LCD, Smart IC card built in
IPL Power	1200W
Electrical Source	100/110V, 50~60Hz; 230~260V, 50~60Hz
Dimension	62cmx45cmx48cm (Daphne1800) 47cmx55cmx108cm (Daphne2800)
Weight	30Kg (Daphne1800), 50Kg (Daphne2800)

## Therapy Principle

A broad spectrum of light is transmitted through a small, smooth, transparent handpiece which is gently placed over the skin. Cut-off filters in the handpiece change the wavelength range allowing it to be optimized for different applications and skin types. The light penetrates the tissue and is absorbed by either the blood when treating vascular lesions or the melanin when treating pigmented lesions damaging them. The body's natural processes then remove the injured tissue giving the skin a more even and youthful appearance.

**Daphne 1800**



## Therapy Scope

Remove hair	Remove genetic freckle	Whiten skin
Remove acne	Remove red blood streak	Shrink pores
Remove age pigment	Remove small wrinkle of the face	

## How many IPL treatments are required

Permanent Hair Reduction	4 to 6 treatments
Reduction of pigmented lesions (sun spots)	2 treatments
Reduction of vascular lesions	up to 4 treatments
Skin rejuvenation	4 - 6 treatments are recommended
Acne treatment	Up to 4 treatments

**Daphne 2800**



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