

OptiClear XL

**Dry Eye Solution
& Aesthetic Module**



 **OptiClearXL**

optohellas[®]
OPHTHALMIC EQUIPMENT

Worldwide Representation Platform

OptiClear XL

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Intense pulsed light (IPL) is a type of intensive, broadband, coherent light source which has a wavelength spectrum of 420 nm -1200 nm and SHR filter (610 nm – 950 nm). With these special properties, the IPL has a wide application in non-ablative therapies based on theory of human skin tissue's selective absorption and photothermolysis of light sources. Meanwhile, IPL treatment is more effective, with no downtime and can make the patients get recovered more quickly than conventional therapies.

This device is composed of three parts

- Main unit
- Control panel
- The IPL treatment hand piece

The control panel includes the color 8" TFT LCD touch screen, the power switch and emergency shut off switch.

IPL Treatment

- Dedicated system for ophthalmologists and optometrists
- Clinically proven technology
- Safe & effective
- Long-term results

Aesthetic Module

- Reduction of pigmented lesions
- Reduction of vascular lesions
- Therapy acne

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Technical data

Light source	Intense pulsed light (Xenon Flash Lamp)
Spectrum range	420-1200nm
Energy density	0.5—30J/c m ²
Pulse method	Single sequence pulse & Continuous Pulse
Single sequence pulse number	1~3 pulses
Pulse delay	5-50ms
Pulse width	5-20ms
Single sequence total pulse width	Max. ≤50ms
Single sequence Interval time	1-4 s
Continuous Pulse Frequency	2-5 Hz
Continuous time	5-10 s
Continuous Pulse Interval time	5 s
Deliver system	Direct sapphire Coupling
Spot size	IPL 12×35mm
Operation interface	8" touch True Color LCD
Cooling system	Cooling system / Water cooling/ forced-air cooling/ Semiconductor local cooling
Handpiece Cooling temperature	< 4°C
Temperature and Humidity	Operating Temperatures: 5°C~ 30°C Storage Temperatures: 4°C~55°C Operating Relative Humidity: 70% Storage Relative Humidity: 93% Atmospheric pressure: 86kPa ~ 106kPa