

CLINICAL EVALUATION

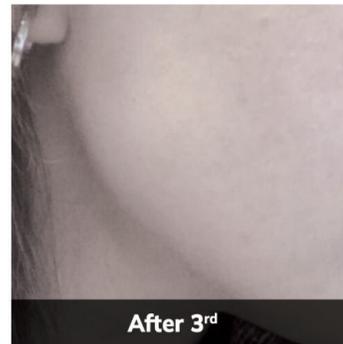
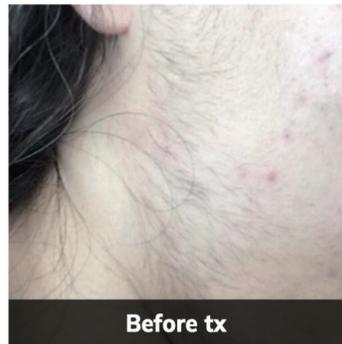
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“Pento 9900 effective system provides permanent hair removal and effective vascular lesions treatment. It also provides high energy with shorter pulse duration on the larger spot size. Thus, energy can be delivered to deeper layers of the skin and increases efficiency of treatment.”

Armpit Hair Removal



Face Hair Removal



Rosacea

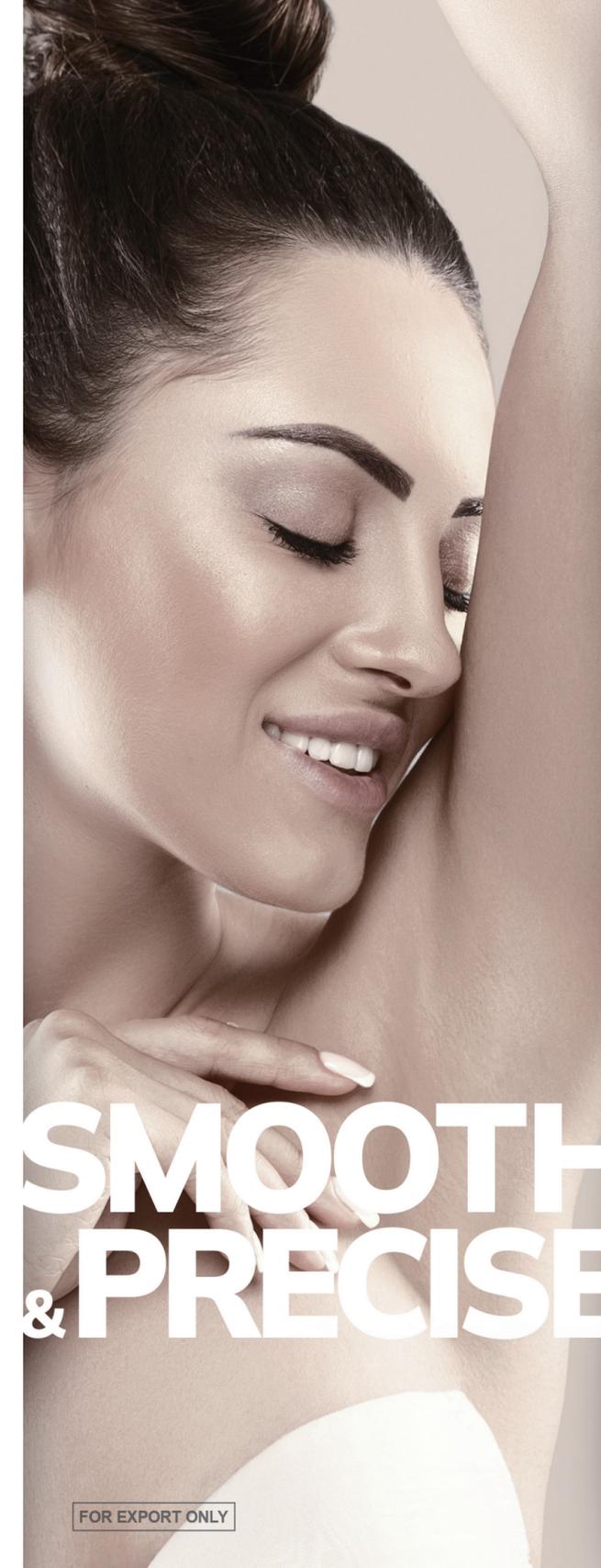


SPECIFICATION

System Type	Alexandrite	Nd-YAG
Wavelength	755nm	1064nm
Pulse Width	250µs ~ 300ms	250µs ~ 300ms
Max Delivered Energy	60J	80J
Recommended Energy	3ms, 50J@2Hz (at 24mm spot)	3ms, 60J@2Hz (at 24mm spot)
Pulse Rate	0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10Hz	
Beam Delivery	Optical Fiber	
Aiming Beam	InGaN, 530nm, below 10mW	
Spot Size	3, 6, 8, 10, 12, 15, 18mm (Option : 5, 20, 22, 24mm)	
Weight	125kg	
Dimension	581 x 855 x 1229mm	
Electrical Requirements	220VAC, 50/60Hz, 4.6KVA	
Cooling System	GCD Type (GAS Cooling Device) Handpiece	

Accessories

Cooling Device (Option) : ACD Type (Air Cooling Device) Handpiece



SMOOTH
& PRECISE

FOR EXPORT ONLY

CLASSYS

pento
PREMIUM LONG-PULSE
DUAL LASER



CLASSYS

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It is evaluated by a short pulse when it performs.

A Leading Dual-Wavelength System, PENTO 9900

High output stability with optimized performance for high-speed laser oscillation. Up to 24mm spot size close to spherical mode and various pulse widths. Wide application to various lesions with performance, convenience and safety.

INDICATION

Alexandrite 755nm

- Melasma
- Pigmented Lesions
- Toning
- Seborrheic Keratosis
- Freckles
- Hair Removal

Nd:YAG 1064nm

- Skin Tightening, Lifting
- Wrinkles
- Vascular Lesions
- Pores
- Diffuse Redness
- Hair Removal



WHAT ABOUT PENTO 9900?

The highest level of Alexandrite & Nd:YAG mediums are applied to realize high-quality beam

In particular, Rod of Alexanderite is one of a high-priced parts and its weight determines the quality of energy.

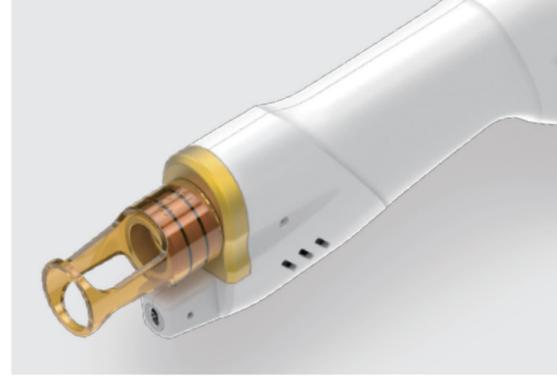
Alexandrite ROD



PENTO 9900 TECHNOLOGY

Durable All-in-One Design

Direct resonance technology provides stable and accurate energy via all in one designed chamber of Rod enhances safe and outstanding treatment even after long term use.

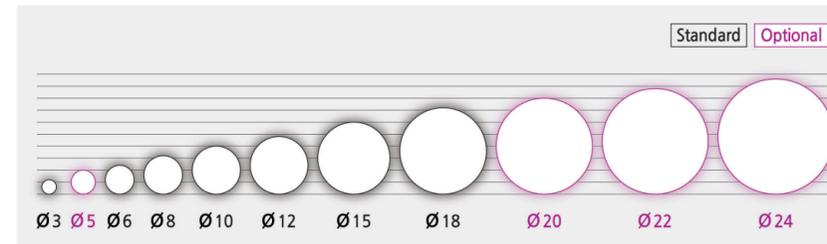


Various spot sizes : 3mm to 24mm spot size available

Optimal treatment effects with 11 different spot sizes shorter treatment time with a 24mm large spot size

Quick treatment : 2Hz even at 24mm spot size

The shape of the beam is rounded by spot size, and the medium is implemented flat depending on the distribution



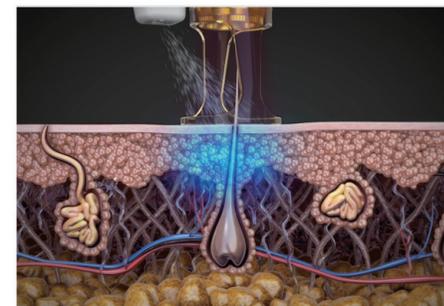
3ms Short-duration at all spot size

At a short pulse of 3ms, the pulse shape becomes close to a square pulse at 50J of energy, and proceeds at 2Hz.

At a short pulse of 250µs, the pulse shape becomes close to a square pulse at 4.5J of energy, and proceeds at 10Hz.

GCD Cooling System

Excellent safety GCD cryogen cooling system to protect skin surface.



Real-time Auto Calibration

PENTO 9900 LASER is automatically controlled to maintain its best condition electronically and mechanically, resulting in constant energy and stable, uniform beam.

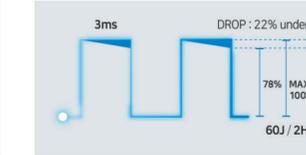


LASER

Alexandrite 755nm



Nd:YAG 1064nm



- **Optimized high voltage power supply design**
- **High stability of output energy**
 - Voltage Drop Rate Less than 22%
- **High Peak Energy output**
 - Alexandrite : 3ms, 50j@2Hz
 - Nd:YAG : 3ms, 60J@2Hz

FEATURES

- **Various pulse widths 250µs ~ 300ms**
- **Easy-to-use, intuitive touch screen**
- **Fast booting speed**
- **Flat-top beam**
- **GCD (Gas Cooling Device) cryogen cooling system**



Excellent Safety

GCD cryogen cooling system to protect skin surface safely

Quick return to daily life

Prompt recovery with delicate treatment due to various pulse widths

Auto calibration

Generate precise & accurate energy with top priority for patient safety

Quick treatment time

Fast treatment up to 10Hz by high voltage power supply

