



# GentleYAG Pro-U™

## The Versatile Nd:YAG

As a leader in aesthetic lasers since 1970, Candela is uniquely qualified to serve the changing needs of your growing laser practice. Our GentleYAG Pro-U features multiple handpieces capable of treating the most sought after cosmetic conditions on all skin types and is also effective on darker skin. The GentleYAG Pro-U is an ideal solution for hair removal, the treatment of spider veins, telangiectasia and telangiectatic matting on the face and /or legs. GentleYAG Pro-U is now upgradable for superior performance and additional clinical indications. The platform expands as your aesthetic practice expands.

A 20/22/24 mm Large Spot Delivery System makes the GentleYAG Pro-U the fastest Nd:YAG hair removal laser in the market.

### Faster

An enhanced 2 Hz repetition rate enables you to treat more patients, faster.

### Choice of Delivery Systems

Choose from multiple ergonomically enhanced hand pieces and lightweight delivery systems to minimize operator fatigue and improve treatment convenience.

### Multiple Spot Sizes

Multiple Spot Sizes from 1.5 to 24mm are anatomically appropriate and offer greater fluence delivery capabilities.

### Small Spot Delivery System

GentleLase Pro-U also offers a dual wavelength Specialty Delivery System option with 1.5 / 3 / 5 / 3x10mm spots for vascular and pigmented lesions.

### Large Spot Delivery System

Dual wavelength 20, 22 and 24mm new treatment spot sizes are the largest in the market, enabling shorter treatment times and improved patient comfort.



### Intuitive Touch Screen

Select the correct treatment parameters quickly and easily.

### Variable Pulse Duration

For even greater flexibility in treating vascular and multiple epidermal pigmented lesions.

### DCD or Air Cooling—It's Your Choice

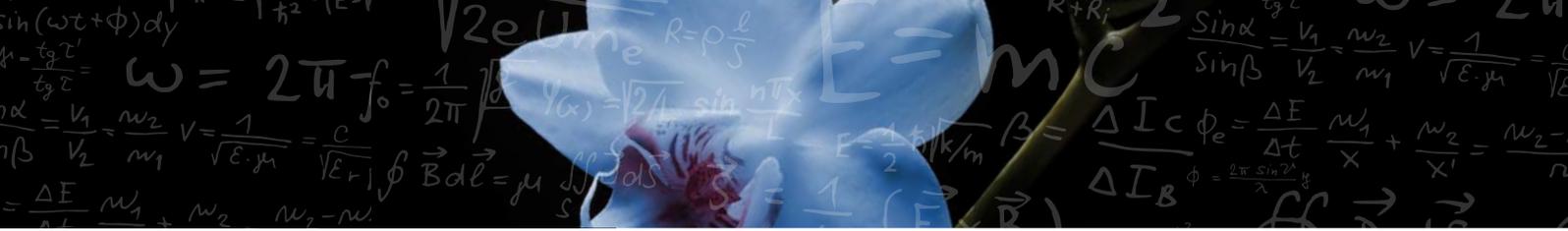
Choose from either the Air Cooling Compatible™ (ACC™) or the cryogen-based Dynamic Cooling Device™ (DCD™) cooling system, which saves time, is operator independent, scales with fluence and provides consistent protection of the epidermis.

### Elegant, Smart Design

Sleek, modern lines, a small footprint and lightweight for increased mobility. Deliver fast, effective and comfortable treatments in virtually any environment.

### Sapphire Protective Windows

Protects system optics, ensuring long lasting performance and the ability to withstand high repetition rates and high energy output.



# Improve Your Practice with Candela Quality

## Choice of Cooling Protection

Choose from two cooling systems—Air Cooling Compatible (ACC), which offers high air flow at a specified temperature, or Dynamic Cooling Device (DCD). Candela's patented DCD provides consistent, low temperature, reproducible epidermal cooling – selectively spraying the upper layers with a cooling burst of cryogen in adjustable spray/delay durations, milliseconds before and after the laser pulse. The unique design of the ACC and DCD handpieces provide excellent visibility throughout the entire treatment. This choice of cooling options sets the GentleYAG Pro-U apart from all other long-pulsed Nd:YAG lasers.

## GentleYAG Pro-U Versatility

Practitioners around the world treat more than unwanted hair with GentleYAG Pro-U including:

- Hair Removal on all skin and hair types (ideal for Fitzpatrick skin types IV - V)
- Spider veins
- Telangiectasia and telangiectatic matting on the face and legs
- **NEW!** Nail Fungus Treatment

## GentleYAG Pro-U Upgradable Applications

Convert your system to the full GentleMax Pro configuration as your practice expands to serve a broader spectrum of hair removal and other clinical indications such as:

- Removal of epidermal pigmented lesions
  - Sun-damaged skin
  - Age spots
  - Freckles
- Treatment of vascular anomalies

## Clinical Results

### Hair Removal



Photos courtesy of Faye Jenkins, R.N.

### Pseudofolliculitis Barbae (PFB)



Photos courtesy of Olga Zerpa, M.D.



Dynamic Cooling Device (DCD) Large Spot Delivery System Handpiece

# Science. Results. Trust.

## System Specifications

Laser Type	Nd:YAG	Alexandrite (Upgrade)
Wavelength	1064 nm	755 nm
Repetition	Up to 10 Hz	
Max Delivered Energy	80 joules (J)	53 joules (J)
Pulse Duration	0.250-100 ms	
Spot Sizes	6 mm, 8 mm, 10 mm, 12 mm, 15 mm, 18 mm	
Optional $\lambda^2$ Specialty Delivery System Option Spot Sizes	Small - 1.5 mm, 3 mm, 5 mm, 3 x 10 mm Large - 20 mm, 22 mm, 24 mm	
Beam Delivery	Lens-coupled optical fiber with handpiece	
Pulse Control	Finger switch, foot switch	
Dimensions	107 cm H x 46 cm W x 69 cm D (42" x 18" x 27")	
Weight	118 kg (260 lbs)	
Electrical	200-240 VAC, 50-60 Hz, 20-30 A, 4600 VA single phase (30 A required for highest repetition rates)	

### Optional Dynamic Cooling Device

Integrated controls, cryogen container and handpiece with distance gauge

Cryogen	HFC 134a
DCD Spray Duration	User adjustable range: 10-100 ms
DCD Delay Duration	User adjustable range: 3, 5, 10-100 ms
DCD Post Spray Duration	User adjustable range: 0-20 ms

Optional Air Cooling Compatible (ACC) Handpiece Available

## Nd:YAG Fluence

Spot Size (mm)	Fluence (0.25 ms to 100 ms)
1.5	300 to 520 J/cm <sup>2</sup>
3	130 to 400 J/cm <sup>2</sup>
3 x 10	80 to 300 J/cm <sup>2</sup>
5	9 to 55 J/cm <sup>2</sup>
6	6 to 200 J/cm <sup>2</sup>
8	6 to 150 J/cm <sup>2</sup>
10	6 to 100 J/cm <sup>2</sup>
12	10 to 70 J/cm <sup>2</sup>
15	7 to 44 J/cm <sup>2</sup>
18	6 to 30 J/cm <sup>2</sup>
20	5 to 24 J/cm <sup>2</sup>
22	4 to 20 J/cm <sup>2</sup>
24	3 to 16 J/cm <sup>2</sup>

## Alexandrite Fluence (Upgrade)

Spot Size (mm)	Fluence (0.25 ms to 100 ms)
1.5	100 to 520 J/cm <sup>2</sup>
3	40 to 400 J/cm <sup>2</sup>
3 x 10	10 to 200 J/cm <sup>2</sup>
5	9 to 40 J/cm <sup>2</sup>
6	6 to 150 J/cm <sup>2</sup>
8	6 to 100 J/cm <sup>2</sup>
10	6 to 60 J/cm <sup>2</sup>
12	10 to 40 J/cm <sup>2</sup>
15	7 to 30 J/cm <sup>2</sup>
18	6 to 20 J/cm <sup>2</sup>
20	5 to 16 J/cm <sup>2</sup>
22	4 to 13 J/cm <sup>2</sup>
24	3 to 11 J/cm <sup>2</sup>



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