PicoWay®

Remove boldly.
Treat lightly.

True picosecond laser for acne scars, wrinkles, benign pigmented lesions and tattoos

CANDELA™

Science. Results. Trust.

The PicoWay® system is a versatile picosecond platform intentionally designed for your practice

- Acne Scars
- Wrinkles
- Benign Pigmented Lesions
- Tattoo Removal

PicoWay Zoom

- Full beam 532 nm and 1064 nm[1]
- Tattoo removal
- Benign pigmented lesions[1]

PicoWay Resolve™

- Two handpieces: 532 nm and 1064 nm
- Acne scars (1064 nm), wrinkles and benign pigmented lesions[1]

PicoWay 785 nm & 730 nm

- Ti:sapphire crystal handpieces
- Full Beam 785 nm and 730 nm
- Tattoo removal (blue and green)[1]
- Benign pigmented lesions[1]

PicoWay Resolve Fusion™ 532 nm

- Fusion beam structure for more coverage
- Benign pigmented lesions[1]

Spot sizes range up to 10 mm

6x6 mm with 100 identical beams for uniform treatment[2]

The system architecture is designed for treatment customization and performance[1-5]

Multiple Wavelengths

- Versatile picosecond platform for many treatment needs
- 4 picosecond wavelengths for tattoo removal, benign pigmented lesions[1] of different depth

Power and Pulse Duration

- 4 picosecond wavelengths with high peak power and shortest pulse durations[a] for a photoacoustic effect[2]
- Multiple energies per spot size
- No compromise of spot size for fluence[2]
- Flexible treatment parameters for physician control of wavelength, fluence, repetition rate, and spot size for highly customizable treatments

Accuracy and Stability

- Accurate energy and pulse duration for stable performance[2]
- Stable optical synchronization for a reliable laser[2]

Efficiency

- Fast warm up time[2]
- No frequent costly flashlamp replacement[2]
- Uses only 10% of available pump energy[2]
- No consumables

The PicoWay® system delivers 4 treatments in 1 platform

PicoWay treatments demonstrate statistically significant improvement in all studied uses[1-2]

	Acne Scars[1]	Wrinkles[1]	Benign Pigmented Lesions[1]	Tattoo Removal[1]
	Resolve 1064 nm	Resolve 532 nm and/or Resolve 1064 nm	532 nm or 1064 nm	532 nm, 785 mm, 1064 nm
% treated areas improved at primary effectiveness endpoint	94% (n=36, blinded evaluation of photographs)	82% (n=72, blinded evaluation) 92% (n=72, investigator evaluation at 12-week study visit)	96% (n=26, blinded evaluation)	86% (n=60 subjects with 75 black or multicolor tattoos had at least 50% clearance after 3 treatments) 83% (n=18, blue/green tattoos treated with 785 nm had at least 50% clearance after 2 treatments)
Endpoint description	Improvement in acne scar appearance following 3-4 treatment sessions (blinded evaluation of photographs) at week 12 follow-up	% of treatment areas showing improvement in elastosis score at week 12 after 3-4 treatment sessions	At least 50% clearance (grade 3-5) after 2 treatments (or after 4 treatments for the pigmented areas) by blinded evaluation	Blinded reviewer assessment (primary endpoint) after 3 treatments (532 nm or 1064 nm) or after 2 treatments (785 nm)

High rates of physician and patient satisfaction[1, 2]

New PicoWay® 730 nm handpiece

Optimized wavelength with the shortest pulse duration[a] designed for benign pigmented lesions and tattoo removal

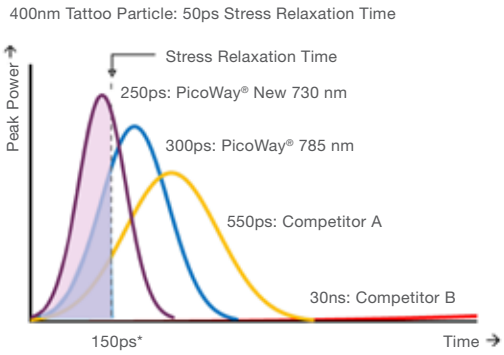
730 nm Optimized Wavelength†

- Stronger melanin absorption[2]
- Stronger blue and green tattoo ink absorption[2]
- Less hemoglobin absorption[2]

250 ps The Shortest Pulse Duration[a] with The Highest Peak Power[a]

- Maximized photoacoustic effect[4]
- Minimized thermal effect and risk of PIH with minimal downtime[4,5]
  - No PIH was reported in clinical studies on the 730nm[2]

† Claim compared to the PicoWay 785 nm handpiece



New PicoWay® Resolve Fusion 532 nm handpiece

More coverage per pass with the shortest pulse[a] for benign pigmented lesions

More coverage per pass† with the shortest pulse duration[a] potentially saving treatment time[2] and minimizing risk of PIH[4,5] for benign pigmented lesions[1]

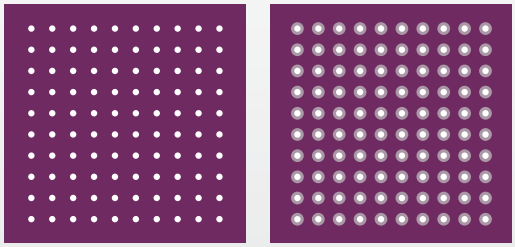
Resolve Fusion™ Technology

- Fusion of high fluence central beam and low fluence diffuse ring for more coverage†
- Uniform energy for consistent treatment[2]

The Shortest Pulse Duration[a]

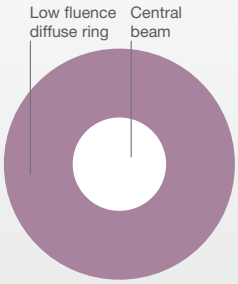
- Maximized photoacoustic effect[4]
- Minimized thermal effect[1] and risk of PIH[2] with minimal downtime[2,3]

† Claims compared to the PicoWay® Resolve 532 nm handpiece



Resolve Pattern

Resolve Fusion Pattern



PicoWay®
The way of the future

The aesthetic treatment space is significant and expanding[2]			
Tattoo Removal Treatments	Skin Rejuvenation[2] Treatments	Injectable Wrinkle Treatments	Acne Scar Incidence
~53K[2]	~2.8M[2]	~7.3M[2]	~20M[2]

40% of ~50 million with acne have scarring

The PicoWay laser has a growing number of uses to meet changing market demands[1-2]

- Acne Scars
- Wrinkles
- Benign Pigmented Lesions
- Tattoo Removal

The PicoWay sytem treats across a broad range of Fitzpatrick skin types depending on the use and handpiece utilized[1]

- Skin types I-IV: pigmented lesions
- Skin types I-IV: wrinkles with Resolve
- Skin types I-VI: tattoo removal
- Skin types II-V: acne scars with Resolve 1064 nm

By 2060, nearly 60% of the US population will comprise people with skin of color[2]

Aesthetic lasers have evolved to meet consumer demands with **bold yet gentle treatment**

Conventional Fractional

Ablative Resurfacing

Photothermal

Heats surrounding tissue

- Epidermal damage[2]
- Social downtime of around 2 weeks[2]
- Potential risk of scarring[2]

Non-Ablative Fractional Resurfacing

Nanosecond Lasers

Photothermal

Heats surrounding tissue

- Perforation of the epidermis[2]
- Social downtime of at least 5 days[2]

Sub-Surface Tissue Remodeling

Picosecond Lasers

Photoacoustic

Acne scars and wrinkles

- Intact stratum corneum[2] (outermost layer of epidermis)
- Minimal downtime, 1.5±1.1 days[1,2]

PicoWay® system

Remove boldly. Treat lightly.

The PicoWay Zoom handpiece (532 nm, 1064 nm) treats benign pigmented lesions and tattoo removal.
The PicoWay 730 nm & 785 nm handpieces remove blue and green tattoos and benign pigmented lesions.[3-5]

PICOWAY ZOOM AND TITANIUM SAPPHIRE SPECIFICATIONS			
LASER TYPE	ND:YAG	FREQUENCY DOUBLED ND:YAG	TITANIUM SAPPHIRE
Wavelengths	1064 nm	532 nm	730 nm & 785 nm
Maximum Energy	400 mJ	200 mJ	100 mJ
Pulse Duration	450 ps	375 ps	250 ps (730) 300 ps (785)
Peak Power	0.89 Gigawatts	0.53 Gigawatts	0.4 GW (730) 0.3 GW (785)
Spot Sizes	2, 3, 4, 5, 6, 7, 8, 9, 10 mm		2, 3, 4 mm
Repetition Rate	Single, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Hz		
Delivery System	Articulated arm with 2 wavelengths Zoom handpiece		2 dedicated handpieces
Warm Up Time	2 minutes		
User Interface	Touchscreen with GUI		
Size	42” H x 18” W x 27” D 107 cm H x 46 cm W x 69 cm D		
Weight	275 lbs. / 125 kg.		
Power Requirements	200-240 VAC, 50/60 Hz, 30 A, 4600 VA single		

The PicoWay Resolve Fusion handpiece (532 nm) treats benign pigmented lesions.
The PicoWay Resolve handpieces treat acne scars (1064 nm), wrinkles and benign pigmented lesions (532 nm & 1064 nm).[1-2]

PICOWAY RESOLVE SPECIFICATIONS		PICOWAY RESOLVE FUSION™ SPECIFICATIONS	
LASER TYPE	ND:YAG	FREQUENCY DOUBLED ND:YAG	FREQUENCY DOUBLED ND:YAG
Wavelengths	1064 nm	532 nm	532 nm
Max Energy / Central Beam	2.9 mJ	1.5 mJ	0.7 mJ
Max Fluence / Diffuse Ring			0.35 J/cm2
Pulse Duration	450 ps	375 ps	375 ps
Spot Size	6 mm X 6 mm		
Matrix	10 X 10 Microbeam array		
Repetition Rate	Single 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Hz		
Delivery System	Articulated arm with Resolve & Resolve Fusion handpieces		

For more information about how the PicoWay system may help achieve your practice goals, contact your local Candela sales professional or visit **candelamedical.com**.

a. Based on CE indications as of May, 2020.

Photos used are not actual patients. **1.** PicoWay CE mark **2.** Candela, Data on File. **3.** From published data. **4.** E. Bernstein, et al., “A novel dual-wavelength, Nd:YAG, Picosecond-Domain Laser safely and effectively removes multicolor tattoos”, Laser in Surgery and Medicine, DOI 10.1002/lsm.22391. **5.** Chang JC, et al. Lasers Surg Med. 2016;48(1):23-29

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