

Mianna-Pico

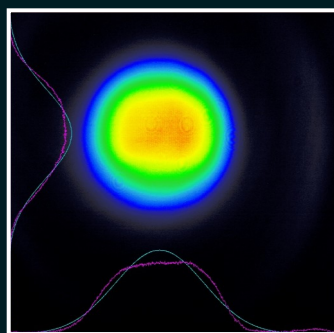
--- Picosecond Medical-oriented OEM Laser



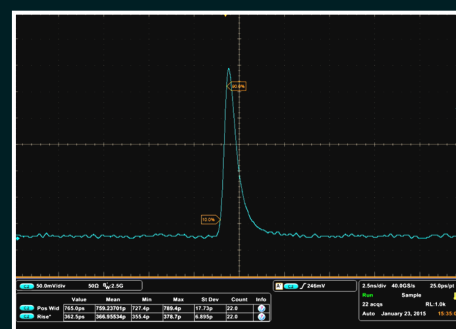
With the cutting edge ultrafast technology, Mianna-Pico's pulse duration is 10 times shorter than traditional Q-switched Nd:YAG laser. This allows Mianna-Pico has higher peak power to break up tattoo ink much more effectively without previous adverse effect like bleeding. Mianna-Pico enables removal of previously untreated multi-colored tattoos, tattoos recalcitrant to treatment and benign pigmented lesions on any skin type.

Features

- Pulse duration short to 700 ps
- Perfect flat-top beam distribution
- Dual wavelengths 1064 nm & 532 nm to cover most tattoo colors
- Patent design with compact size
- Hardened design for high reliability



Output Beam Profile



Temporal Profile

Beamtech Optronics Co.,Ltd.

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Http://www.beamtech-laser.com
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Specifications

Model	Mianna-Pico	Mianna-Q		
		1 J	1.2 J	Extra
Repetition Rate (Hz):	1- 10	1-10	1-10	1-10
Pulse Energy (mJ)				
1064 nm	≥ 250	≥ 1000	≥ 1200	≥ 2000
532 nm	≥ 125	≥ 400	≥ 450	≥ 600
Max. Power (W)	≥ 2.5	≥ 10	≥ 12	≥ 20
Energy Stability:				
1064 nm	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$
532 nm	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$	$\leq 2\%$
Pulse Duration:				
1064 nm	≤ 750 ps	≤ 8 ns	≤ 8 ns	≤ 8 ns
532 nm	≤ 750 ps	≤ 7 ns	≤ 7 ns	≤ 7 ns
Divergence (mrad) 1064 nm	~ 3	~ 3	~ 3	~ 3
Beam Diameter (mm)	~ 12	~ 8	~ 8	~ 12
Spatial Mode Profile:	Gaussian	Top-Heat	Top-Heat	Top-Heat
Accessories (Optional):	Reflect mount	Reflect mount; Smoothing Lens		

Applications

- Medical OEM: Tattoo
- Medical OEM: Pigmented lesions treatment

