

808Nm Diode Laser Hair Removal Machine And Equipment With Picolaser Arm

Item Number: BL-815



Introduction

Explore the professional 808nm diode laser hair removal equipment with tri-wavelength technology and integrated picolaser for tattoo removal. Delivers fast, painless permanent hair reduction on all skin types with sapphire cooling. Ideal for clinics. Request a quote.

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Application	Description	Key Benefit
Full-Body Hair Removal	Permanent reduction of unwanted hair on legs, arms, back, chest, and bikini area using the trifecta wavelength arm.	Rapid coverage of large areas; safe for all skin tones.
Facial Hair Removal	Precision removal of beard, upper lip, chin, and sideburn hair.	Gentle on sensitive facial skin with built-in cooling.
Tattoo Removal	Clear single- and multi-colored tattoos (including resistant blue/green) via the picolaser's 1064nm, 532nm, and 755nm outputs.	Ultra-short pulses minimize epidermal damage and downtime.
Pigmented Lesion Treatment	Eliminate freckles, age spots, sun spots, and café-au-lait marks with 755nm and 532nm handpieces.	Effective pigment fragmentation with low risk of post-inflammatory hyperpigmentation.
Vascular Lesion Removal	Treat spider veins and hemangiomas using the 532nm wavelength, which selectively heats small vessels.	Non-invasive, targeted closure of superficial vessels.
Skin Rejuvenation	The 1320nm wavelength performs collagen-stimulating "Hollywood Peel," improving skin texture, whitening, and pore tightening.	Fast, no-downtime revitalization sessions.

Parameter	Specification
Laser Type	Trilaser (755nm, 808nm, 1064nm combined)
Primary Wavelength	808nm
Handle Power	600W (standard) / 800W (optional)
Repetition Rate	0-10 Hz
Spot Size	15×15 mm ² (optional: 15×20 mm ² , 20×25 mm ²)
Fluence	10-120 J/cm ²
Pulse Width	10-400 ms
Shots per Handle	20,000,000
Display	10.4" color LCD touchscreen
Cooling System	Water + Air + Semiconductor (Sapphire Tip Contact Cooling, -5°C)
Total Power Consumption	3000 W
Input Voltage	110V/220V, 50/60 Hz

Parameter	Specification
Laser Type	Picolaser (Q-switched Nd:YAG/KTP)
Wavelengths	1064nm, 532nm, 755nm, 1320nm (5 tips inc. scar-free 1064nm)
Pulse Energy	0-2000 mJ
Pulse Width	<15 ns
Repetition Rate	1-10 Hz (adjustable 0.5-3 Hz)
Spot Size	1-5 mm
Power Supply	110V/220V, 6A/12A