

808Nm Diode Laser Hair Removal Machine 755+808+1064Nm Mixed Wavelength Professional Equipment

Item Number: BL-814



Introduction

Professional 808nm diode laser hair removal machine featuring 755+808+1064nm mixed wavelength, picosecond and OPT technology. Ideal for clinics, safe for all skin types with advanced cooling for painless permanent reduction. Equipment covers hair removal, tattoo removal, skin rejuvenation.

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Application	Description	Key Benefit
Permanent Hair Reduction (All Body Areas)	Treats legs, arms, underarms, bikini line, back, chest, and facial areas for long-term hair removal.	Smooth, hair-free skin with up to 90% reduction after a full course; safe for all skin types.
Multicolored Tattoo Removal	Targets blue, red, brown, and black inks using picosecond and Q-switched modes.	Effective fading of professional and amateur tattoos with fewer sessions and lower scarring risk.
Pigmented Lesion Correction	Removes age spots, freckles, café-au-lait spots, and Nevus of Ota through selective melanin destruction.	Clearer, more even complexion without thermal injury to adjacent normal skin.
Nail Fungus (Onychomycosis) Treatment	1064nm Nd:YAG laser penetrates the nail plate to eliminate fungal pathogens in all clinical subtypes.	Non-invasive, drug-free solution with no systemic side effects; improves nail clarity and health.
Skin Rejuvenation & Acne Clearance	OPT probes emit specific spectra to reduce inflammation, kill acne bacteria, and stimulate collagen.	Improved skin texture, reduced pore size, and fewer breakouts with minimal downtime.
Permanent Makeup & Microblading Removal	Precisely fades eyebrow, eyeliner, and lip line tattoos.	Quick, targeted removal that allows correction or complete clearance without damaging hair follicles.
Hairline Contouring & Beard Shaping	Redesigns hairlines and trims beard edges for aesthetic grooming.	Painless, accurate shaping that enhances facial symmetry and personal style.
Vascular Lesion Management	Treats spider angiomas, cherry hemangiomas, and telangiectasias with targeted 532nm and 1064nm energy.	Vessels coagulate and fade rapidly with minimal risk of purpura or scarring.

Parameter	Specification
Wavelength	755nm - 808nm - 1064nm Mixed
Working Frequency	1 - 10 Hz (Adjustable)
Energy Density	1 - 150 J/cm ²
Pulse Width	1 - 400 ms (Adjustable)
Output Mode	Pulse Output
Spot Size Options	12×15 mm, 12×20 mm, 12×25 mm, 20×40 mm
Laser Power Options	800 W, 1200 W, 1600 W (Selectable)
Handpiece Cooling	TEC + Sapphire Cooling
TEC Cooling Chip	12 V / 6 A

Parameter	Specification
Picosecond Power	3000 W
Probe Wavelengths	1064 nm, 532 nm, 1320 nm

Parameter	Specification
OPT Power	1200 W
Probe Wavelengths	480 nm, 530 nm, 640 nm

Parameter	Specification
Product Model	BL-814
Screen	15.6-inch Touch Screen
Operating Language	English (Customizable)
Water Temperature Range	5 °C – 35 °C
Water Pump	DP-60 Diaphragm Pump, 12 V
Cooling System	2 × 240×120 mm Radiators, 18 Microchannels
Fans	4 × 220 V Silent Fans, 3150 RPM
Flow Sensor Minimum	2 L/min
Chassis Material	Advanced ABS
Water Tank Volume	7 L
Power Supply Voltage	220 V / 110 V (Selectable)
Instrument Dimensions	50 cm × 50 cm × 110 cm
Packaging Dimensions	61 cm × 58 cm × 129 cm
Weight	68 kg