

HAIR REMOVAL COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Aerolase						
LightPod Neo XT	Nd:YAG	1064 nm	Up to 1274 J	0.65 ms or 1.5 ms	\$46,500	Portable (22 lbs.), powerful and pain free. No costly disposables or service calls required.
Aesthera						
Isolaz	Photopneumatic	N/A	N/A	N/A	Contact mfr.	Multi-application (HR, acne, SR). No pain. FDA cleared.
Alma Lasers						
Soprano ^{XL}	CW Diode	810 nm	Up to 120 J/cm ²	10 – 1350 ms	\$89,900	Combining both the Super Hair Removal Mode, for virtually painless Tx, and traditional higher fluence hair removal.
Harmony	AFT Pulsed Light	650 – 950 nm	5 – 20 J/cm ²	30, 40, 50 ms	Starting at \$54,900	HR module, 40 x 16 mm spot size, depot service.
	Near Infrared	N/A	1 – 5 J/cm ²	1, 3, 30 ms		
Candela						
GentleLASE (Various Models)	Alexandrite	755 nm	Up to 100 J/cm ²	3 ms	\$79,900 to \$98,500	Spot sizes 6-18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
GentleYAG (Various Models)	Nd:YAG	1064 nm	Up to 600 J/cm ²	0.250 – 300 ms	\$79,900 to \$109,900	Spot sizes 1.5 – 18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
GentleMax Configurable Workstation	Alexandrite / Nd:YAG	755 nm / 1064 nm	Up to 600 J/cm ²	0.250 - 300 ms	\$134,000 to \$200,000	Spot sizes 1.5 – 18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy and air cooling. Upgradable.
CoolTouch						
VARIA	Nd:YAG	1064 nm	500 J/cm ²	300 ms continuous	\$59,950	VariZoom handpiece with 2 – 10 mm adjustable spot size and interchangeable Tx guides. Pulsed cryogen cooling with pre- and post-cooling.
Cutera						
CoolGlide CV	Nd:YAG	1064 nm	10 – 100 J	10 – 100 ms	\$70,000	Treats all skin types and tanned skin. No disposable costs.
Xeo	Long Pulse Nd:YAG	1064 nm	Up to 300 J	0.1 – 300 ms	\$85,000 to \$155,000	Removes fine and coarse hair safely. Spot size 10 mm (or 10x30 mm). Real time calibration. Upgradable in the field.
	Infrared	Prog. wavelength	5 – 35 J	Auto by program		
Solera Opus	Infrared	Prog. wavelength	5 – 35 J	Variable over fluence range	\$65,000	Fast treatment speeds at therapeutic fluences. Real time calibration. No numbing cream or gel required.
Cynosure, Inc.						
Apogee Elite	Alexandrite	755 nm	25 – 50 J/cm ²	0.5 – 300 ms	\$89,000	SmartCool air cooling. Spot sizes: 1.5 mm, 12 mm and 15 mm.
	Alexandrite / Nd:YAG	755 nm / 1064 nm	25 – 50 J/cm ² / 10 – 600 J/cm ²	0.5 – 300 ms / 0.4 – 300 ms	\$123,000	
Acclaim	Nd:YAG	1064 nm	10 – 600 J/cm ²	0.4 – 300 ms	\$89,000	
Cynosure PL	Pulsed Light	560 – 950 nm	3 – 30 J/cm ²	5 – 50 ms	\$57,000	
DermaMed International, Inc.						
Quadra Q4 Platinum Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	10 – 110 ms	\$49,500	Patented low voltage technology. One multi-pulsing handpiece for hair removal, pigmented/vascular lesions and acne. Pre-programmable settings.
Quadra Q4 Gold Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	10 – 110 ms	\$39,500	
Quadra Q4 Silver Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	10 – 110 ms	\$29,500	
DermaYAG	Nd:YAG	1064 nm	15 - 300 J/cm ²	150 ms	\$49,900	
Ellipse, Inc.						
Ellipse Flex PPT	Pulsed Light	600 nm – 950 nm, 645 nm – 950 nm	Up to 21 J	Up to 100 ms	Contact mfr.	Multi-application platform includes programmable pulse technology (PPT) and patient database. Three different handpieces available for hair removal.
Ellipse I ² PL	Pulsed Light	600 nm – 950 nm, 645 nm – 950 nm	Up to 21 J	Up to 100 ms	Contact mfr.	
Energist (formerly McCUE)						
ULTRA VPL	Variable Pulsed Light	530 - 950 nm, 610 - 1020 nm	Up to 51 J	Variable	\$67,750	Three year warranty, two full training days, all applicators included, large 10x50 mm spot size for faster Tx, square pulses and dynamic skin cooling.
ULTRA Lite	Variable Pulsed Light	530 – 950 nm	Up to 30 J	Variable	\$37,750	10 x 50 mm spot size for faster treatments, square pulses, dynamic cooling and easily upgradable to 51 J.
Focus Medical						
NaturaLase LP	Long Pulse Nd:YAG	1064 nm	65 J	Up to 100 ms	\$72,500	Forced air cooling system.
NaturaLight	Pulsed Light	640 – 1200 nm	Up to 50 J/cm ²	Up to 500 ms	\$54,900	

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Home Skinovations						
Silk'n	Home Pulsed Light	475 – 1200 nm	Less than 5 J/cm ²	Proprietary	\$800	Disposable lamp cartridge that is replaced after 750 light pulses.
HOYA ConBio						
RevLite	EO Q-switched Nd:YAG with PhotoAcoustic Technology Pulse (PTP)	1064 nm, 532 nm	Up to 12 J/cm ²	5 – 20 ns	Contact mfr.	MultiSpot handpiece offering four spot sizes from 2-8 mm.
MedLite C6	EO Q-switched Nd:YAG	1064 nm, 532 nm	Up to 12 J/cm ²	5 – 20 ns	Contact mfr.	Same as above.
IRIDEX						
Gemini	Nd:YAG / KTP	1064 / 532	up to 990 / up to 100	10-100 / 1-100	Contact mfr.	Includes 1-5 mm continuously adjustable and 10 mm fixed VersaStat i.
Lyra i	Nd:YAG	1064 nm	5 - 900	20 - 100	\$72,500	Includes 1-5 mm continuously adjustable and 10 mm fixed VersaStat i.
LASERING^{USA}						
Velure S800	Diode	808 nm	10 - 600 J/cm ²	10 - 1000 ms	\$61,000	Interchangeable inserts for spot sizes of 2.5, 4, 8, 12 mm with ADS (Automatic Detection System) safety system.
Lumenis						
LightSheer ET	Diode	800 nm	10 – 100 J/cm ²	5 – 400 ms	\$79,900	ChillTip handpiece. 9 x 9 mm spot.
LightSheer XC	Diode	800 nm	10 – 100 J/cm ²	5 – 400 ms	\$124,900	ChillTip handpiece. 12 x 12 mm spot.
IPL Quantum SR or DL with HR upgrade	Intense Pulsed Light	695 – 1200 nm	20 – 45 J/cm ²	6 – 18 ms	\$84,900	Upgrade for IPL Quantum DL or SR, spot size 34 x 8 mm, optional 755 – 1200 nm head.
Lumenis One	Intense Pulsed Light	515 – 1200 nm	10 – 40 J/cm ²	3 – 100 ms	(Prices for individual configs. vary)	Multi-technology, multi-application platform. Optimized presets and comprehensive patient database. Spot sizes IPL: 15 x 35 mm and 8 x 15 mm, Nd:YAG: 3, 6, 9 mm, LightSheer 9 x 9 mm.
	Nd:YAG	1064 nm	10 – 225 J/cm ²	2 – 20 ms		
	LightSheer Diode	800 nm	10 – 100 J/cm ²	5 – 400 ms		
Elora	IPL	570 – 1200 nm	Up to 22 J/cm ²	N/A	Contact mfr.	Spot size of 20 x 30 mm crystal, 33 Hz.
Med-Aesthetic Solutions, Inc.						
iPulse i400	Intense Pulsed Light	530 – 1200 nm	0 – 20 J/cm ²	10 – 110 ms	\$49,995	Patented constant spectrum of light technology. Square pulse delivery. 8.9 cm ² spot size and mini glass filter handpieces. Pre-programmed settings. Interactive display and touch screen. Table top or portable.
iPulse i200+	Intense Pulsed Light	530 – 1200 nm	0 – 20 J/cm ²	10 – 110 ms	\$34,995	Patented constant spectrum of light technology. Square pulse delivery. 8.9 cm ² spot size and mini glass filter handpieces. Pre-programmed settings.
MedSurge Advances						
Quantel Derma Prolite II	IPL	530 - 1200 nm	15 - 44 J/cm ²	20 - 72 ms	Contact MedSurge Advances	Multiple filters in one handpiece (530, 550, 580, 610, 615), 10 x 20 mm.
Quantel Derma ARION	Alexandrite	755 nm	Up to 100 J/cm ²	5 - 40 ms	Contact MedSurge Advances	Scanner available, air cooling.
Asclepion MeDioStar XT	Diode	808 nm	Up to 90 J/cm ²	Up to 500 ms	Contact MedSurge Advances	10 mm and 12 mm spot sizes; 14 mm tips available; integrated skin cooling.
Milesman						
Milesman Premium	Diode	810 nm	10 - 100 J/cm ²	5 to 400 ms	\$72,000	Supercooled tip (0.5° C, 33° F); spot size: 10 x 10 mm; 3 Hz; no consumables.
Novalis						
Clareon HR	Pulsed Light	630 – 1200 nm	15 – 45 J	30, 50, 70 ms	Contact mfr.	Six handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.
Solarus HR	Pulsed Light	630 – 1200 nm	15 – 35 J	20, 40, 60, ms	Contact mfr.	Three handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.
Palomar						
StarLux 500 Platform	Pulsed Light	525 – 1200 nm	Up to 80 J	5 – 500	Contact mfr.	Active contact cooling.

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Sciton						
BBL/s	N/A	410 – 1400 nm	Up to 30 J/cm ²	Up to 500 ms	\$89,950	Table top system. SkinTyte 420, 515, 560, 590, 640, 695 filters, 15 x 45 and 15 x 15 spot sizes, precision cooling, three year warranty.
Profile	Modular Platform	Various	Up to 400 J/cm ²	0.1 – 200 ms, 1 – 10 sec	Starting at \$54,500	Configurable: up to five laser modules; scanning systems, computerized scanner, 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters.
Hair Removal and Vascular	Nd:YAG module	1064 nm	Up to 400 J/cm ²	0.1 – 200 ms	\$29,000	Computerized scanner; 30 x 30 mm Tx; integrated cooling.
Profile HVM	Dual Nd:YAG / Pulsed Light	1064 nm / 410 – 1400 nm	Up to 400 J/cm ²	0.1 – 200 ms / 1 – 10 sec	\$159,000	Dual Nd:YAG, IPL, computerized scanner 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters.
Sybaritic, Inc.						
NannoLight	Pulsed Light	410 – 1400 nm	Up to 45 J/cm ²	1 – 30 ms	\$42,995	Six filters available. Only requires one handpiece. Active contact cooling.
SpectraQuattro	Pulsed Light	410 – 1400 nm	Up to 40 J/cm ²	1 – 30 ms	\$34,995	Same as above.
SkinClear SRVH	Nd:YAG	1064 nm, 1320 nm	Up to 400 J/cm ²	2 – 100 ms	Contact mfr.	Integrated contact cooling. Variable focus handpiece: spot sizes 1-10 mm.
Syneron						
eLaser DSL	Diode (optical) / RF Electrical Energy	810 nm	Up to 50 J/cm ² / Up to 50 J/cm ³	N/A	\$75,900 (one applicator)	Applicator head included. 12 x 15 mm treatment area. No disposable costs. Also available on eMax, three year warranty. Additional applicators \$12,000 each.
eLight DS	Optical Energy / RF Electrical Energy	680 – 980 nm	Up to 45 J/cm ² / Up to 25 J/cm ³	N/A	\$59,900 (one applicator)	Applicator head included. 12 x 25 mm treatment area. No disposable costs. Three year warranty.

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