

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 1,274 J	0.65 or 1.5 ms	\$49,500	Portable (22 lbs.), powerful and pain free. No costly disposables or service calls required.
Alma Lasers						
Soprano ^{XL}	CW Diode	810 nm	Up to 120 J/cm ²	10 – 1,350 ms	Contact mfr.	Combining Super Hair Removal Mode for virtually painless Tx and traditional higher fluence hair removal. SHR module, 40 x 16 mm spot size, depot service.
Harmony ^{XL}	AFT Pulsed Light	650 – 950 nm	5 – 20 J/cm ² , 1 – 6 J/cm ²	30, 40, 50 ms; 1, 3, 30 ms	Contact mfr.	
Candela						
GentleLASE (Various Models)	Alexandrite	755 nm	Up to 100 J/cm ²	3 ms	Contact mfr.	Spot sizes 6–18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy. Spot sizes 1.5–18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy. Spot sizes 1.5–18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy and air cooling. Upgradable.
GentleYAG (Various Models)	Nd:YAG	1064 nm	Up to 600 J/cm ²	0.250 – 300 ms	Contact mfr.	
GentleMax Configurable Workstation	Alexandrite / Nd:YAG	755 nm / 1064 nm	Up to 600 J/cm ²	0.250 – 300 ms	Contact mfr.	
Cutera						
CoolGlide CV Platform	Long pulse Nd:YAG	1064 nm	10 – 100 J/cm ²	10 – 100 ms	Contact mfr.	Upgradable platform. No disposable costs. Variable spot size. Upgradable laser and light multi-application platform. No disposable costs. Adjustable wavelength based on skin type and hair type. Large spot and high repetition rate for fast Tx. Real time calibration for consistent accurate energy. Upgradable broadband light. multi-application system. Adjustable wavelength based on skin and hair type. Large spot and high repetition rate for fast Tx. Real time calibration for consistent accurate energy.
Xeo Platform						
CoolGlide ProWave 770	Long pulse Nd:YAG Intense Pulsed Light	1064 nm Programmable: 770 – 1100 nm	Up to 300 J/cm ² 5 – 35 J/cm ²	0.1 – 300 ms Automatic, based on program	Contact mfr. Contact mfr.	
Solera Opus Platform ProWave 770	Intense Pulsed Light	Programmable: 770 – 1100 nm	5 – 35 J/cm ²	Automatic, based on program	Contact mfr.	
CyDen Limited						
iPulse Home-Use System	IPL	530-1200 nm	7 - 10 J/cm ²	25 – 60 ms	N/A	Treatment gel.
Cynosure, Inc.						
Apogee Elite	Alexandrite	755 nm	25 – 50 J/cm ²	0.5 – 300 ms	Contact mfr.	SmartCool air cooling. Spot sizes: 1.5 mm, 12 mm and 15 mm. MultiPlex technology, integrated Zimmer cold air cooling; spot size: 1.5 mm, 12 mm, 15 mm and 18 mm. Spot sizes: 46 x 18 mm or 46 x 10 mm.
	Alexandrite / Nd:YAG	755 nm / 1064 nm	7 – 50 J/cm ² / 10 – 600 J/cm ²	0.5 – 300 ms / 0.4 – 300 ms	Contact mfr.	
Elite MPX	Alexandrite / Nd:YAG / Xenon Pulsed Light	755 nm / 1064 nm / 530 – 1200 nm	7 – 40 J/cm ² / 5 – 600 J/cm ² / 40 J/cm ² – 5 cm ²	.5 – 300 ms / .5 – 300 ms / 5 – 35 ms	Contact mfr.	
Acclaim Cynosure PL	Nd:YAG Pulsed Light	1064 nm 560 – 950 nm	10 – 600 J/cm ² 3 – 30 J/cm ²	0.4 – 300 ms 5 – 50 ms	Contact mfr. Contact mfr.	
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. Two handpieces with spot sizes: 12 mm, 10 mm, 8 mm, 6 mm, 4 mm, 3 mm, 2 mm and 1 mm.
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 DermaYAG	Intense Pulsed Light Nd:YAG	500 – 1200 nm 1064 nm	Up to 20 J/cm ² 15 – 300 J/cm ²	10 – 110 ms 150 ms	\$29,500 \$49,900	
Energist NA						
Ultra Plus VPL	Variable Pulsed Light	530 – 950 nm, 610 – 1020 nm, 415 nm / 630 – 950 nm	Up to 110 J	Variable	Contact mfr.	Two year warranty, training, three applicators, large 10x50 mm spot size for faster Tx. Square pulses and HE 110 J applicator option. 10x50 mm spot size for faster Tx, square pulses, upgradable to 51 J. Patented constant spectrum of light technology. 8.9 cm ² spot size. Pre-programmed settings.
Ultra Lite VPL	Variable Pulsed Light	530 – 950 nm	Up to 30 J	Variable	\$29,995	
iPulse I200+	Intense Pulsed Light	530 – 1200 nm	0 – 20 J/cm ²	10 – 110 ms	\$24,995	
Focus Medical						
NaturaLight	Pulsed Light	640 – 1200 nm	Up to 50 J/cm ²	Up to 500 ms	\$59,900	Forced air cooling system.
NaturaLase LP	Long Pulse Nd:YAG	1064 nm	65 J	Up to 100 ms	\$72,500	

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General Project						
Med Flash II	Pulsed Light	590 nm – 1200 nm, 640 nm	Up to 600 J at lamp level	Single pulse: 25 – 75 ms, Pulsed mode: 1.5 – 12.5 ms (duration), 5 – 100 ms (interval)	Contact mfr.	50 x 25 mm, 35 x 15 mm, 20 x 10 mm; integrated skin cooling system.
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 nm / 532 nm	Up to 990 J/cm ² / up to 100 J/cm ²	10 – 100 ms	Contact mfr.	VersaStat i 1–5 mm cont. adjustable handpiece and VersaStat i 10 mm fixed handpiece, optional DermStat 1 mm and DermStat 2 (KTP only), optional ClearView 3.
Lumenis						
LightSheer Duet with LightSheer ET and LightSheer HS	Diode	800 nm	LightSheer ET: 10 – 100 J/cm ² LightSheer HS: 4.5 – 12 J/cm ²	LightSheer ET: 5 – 400 ms LightSheer HS: 30 – 400 ms	Contact mfr.	LightSheer ET: ChillTip, 9 x 9 mm spot, up to 3 Hz, field replaceable. LightSheer HS: 22 x 35 mm spot, vacuum assist technology, up to 3 Hz, field replaceable.
LightSheer ET	Diode	800 nm	10 – 100 J/cm ²	5 – 400 ms	Contact mfr.	ChillTip handpiece. 9 x 9 mm spot.
LightSheer XC	Diode	800 nm	10 – 100 J/cm ²	5 – 400 ms	Contact mfr.	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	Contact mfr.	Upgrade for IPL Quantum DL or SR, spot size 34 x 8 mm, optional 755–1200 mm 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.
Elora	Nd:YAG LightSheer Diode IPL	1064 nm 800 nm 570 – 1200 nm	10 – 225 J/cm ² 10 – 100 J/cm ² Up to 22 J/cm ²	2 – 20 ms 5 – 400 ms N/A	Contact mfr.	Spot size of 20 x 30 mm crystal, 33 Hz.
Mattioli Engineering						
Mattioli Pulse II	IPL	650 – 960 nm	25 J/cm ²	10 – 35 ms		Spot size 50 mm x 15 mm (7.5 cm ²). Works on all skin types, easy interface; SR handpiece included. Lamp water cooling and low temp. Integrated contact cooling (Peltier). Multiple language display and 1 second shot feature.
Palomar						
StarLux 500 Platform	Pulsed Light	525 – 1200 nm	Up to 80 J	5 – 500	Contact mfr.	Active contact cooling.
Sciton						
JOULE	Nd:YAG / Er:YAG / BroadBand Light	Various	Up to 400 J/cm ²	0.1 – 200 ms, 1 – 10 sec	Contact mfr.	Configurable up to nine modules.
ClearScan	Nd:YAG module	1064 nm	Up to 400 J/cm ²	3 – 200 ms	Contact mfr.	Computerized scanner; 30 x 30 mm Tx; integrated cooling.
BBL	BroadBand Light module	420 – 1400 nm	Up to 30 J/cm ²	Up to 200 ms	Contact mfr.	SkinTyte, 420, 515, 560, 590, 640, 695 filters, 15 x 45 mm and 15 x 15 mm spot sizes, integrated cooling.
BBLs	BroadBand Light	420 – 1400 nm	Up to 30 J/cm ²	Up to 500 ms	Contact mfr.	Table top system, SkinTyte, 420, 515, 560, 590, 640, 695 filters, 15 x 45 mm and 15 x 15 mm spot sizes, integrated cooling.
Syneron						
eMax/eLaser DSL	Diode / RF Electrical Energy	810 nm	Up to 50 J/cm ² / Up to 50 J/cm ³	N/A	Contact mfr.	15 x 12 mm spot size. Three year warranty.
eMax/eLight DS	Optical Energy / RF Electrical Energy	600 – 980 nm	Up to 45 J/cm ² / Up to 25 J/cm ³	N/A	Contact mfr.	25 x 12 mm spot size. Three year warranty.

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