

VASCULAR TECHNOLOGY 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 (five acne types including pustular and comedonal, SR, HR). No pain.
Alma Lasers						
Harmony	AFT Pulsed Light	515 – 950 nm, 540 – 950 nm	5 – 20 J/cm ² , 5 – 20 J/cm ²	10, 12, 15 ms	Starting at \$54,900	SVL module, 40 x 16 mm spot size, depot service. VL/PL module, 40 x 16 mm spot size, depot service.
	Nd:YAG	1064 nm	30 – 450 J/cm ²	10, 40, 60 ms		1064 nm module, 2 and 6 mm spot sizes.
Candela						
Vbeam Perfecta	Pulsed Dye	595 nm	Up to 40 J/cm ²	0.45 – 40 ms	\$96,500	Six spot sizes up to 12 mm, including 3 x 10 elliptical and pigmented lesion handpieces; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
Vbeam Platinum	Pulsed Dye	595 nm	Up to 40 J/cm ²	0.45 – 40 ms	\$91,500	Multiple spot sizes; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
Vbeam Aesthetica	Pulsed Dye	595 nm	Up to 20 J/cm ²	0.45 – 40 ms	\$79,900	Spot sizes up to 10 mm, two pigmented lesion handpieces; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
GentleYAG VR	Nd:YAG	1064 nm	Up to 600 J/cm ²	Up to 300 ms	\$79,900	Spot sizes 1.5 – 3 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
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.
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; Dynamic Cooling Device and air cooling delivery systems available. 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 new interchangeable Tx guides. Pulsed cryogen cooling with pre- and post-cooling.
CTEV	Nd:YAG	1320 nm	Up to 10 W	N/A	\$45,000	Automated fiber pull-back device. Reusable and single-use fibers, vein access kits and procedure packs.
Cutera						
CoolGlide Excel	Nd:YAG	1064 nm	5 – 300 J	1 – 300 ms	\$95,000	Integrated, effortless spot size options (3, 5, 7, 10 mm); no disposable costs.
CoolGlide Vantage	Nd:YAG	1064 nm	Up to 300 J	0.1 – 300 ms	\$110,000	Multiple applications. Safely treats reticular veins, leg veins and fine telangiectasia.
Xeo	Nd:YAG / Pulsed Light	1064 nm	Up to 300 J / 6 – 40 J (Pulsed Light)	0.1 – 300 ms / Automatic (Pulsed Light)	\$85,000 - \$155,000	10 x 30 mm Tx window for fast treatments. 3-in-1 programmable wavelengths treat rosacea, telangiectasia and diffuse redness.
Solera Opus	Intelligent Pulsed Light	500 – 635 nm	3 – 24 J	Variable over fluence range	\$65,000	Spot size: 6.35 mm, unobstructed view. Real time calibration. Ideal for small telangiectasia and treating lentigenes.
Cynosure, Inc.						
Acclaim	Nd:YAG	1064 nm	10 – 600 J/cm ²	0.4 – 300 ms	\$89,000	With SmartCool cold air cooling. No disposable costs.
Cynosure PL	Pulsed Light	560 – 950 nm	3 – 30 J/cm ²	5 – 50 ms	\$49,500	Spot sizes: 46 x 18 mm and 46 x 10 mm.
Elite	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	Spot sizes: 1.5 mm, 12 mm, 15 mm. SmartCool air cooling.
Cynergy	Pulsed Dye / Nd:YAG	595 nm / 1064 nm	2 – 40 J/cm ² / 10 – 600 J/cm ²	0.5 – 40 ms / 0.3 – 300 ms	\$145,000	Same as above.
Cynergy with XPL	Pulsed Dye / Nd:YAG / Pulsed Light	595 nm / 1064 nm / 560 – 950 nm	2 – 40 J/cm ² / 10 – 600 J/cm ² / 16 J/cm ² – 8.3 cm ² , 30 J/cm ² – 4.6 cm ² , 30 J/cm ² – 2.1 cm ² handpieces	0.5 – 40 ms / 0.3 – 300 ms / 5 – 50 ms	\$195,000	SmartCool air cooling. Air cooling pulsed light module is portable and can be used separately.
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	
DermaYAG	Nd:YAG	1064 nm	15 - 300 J/cm ²	150 ms	\$49,900	Two handpieces with spot sizes: 12 mm, 10 mm, 8 mm, 6 mm, 4 mm, 3 mm, 2 mm and 1 mm.

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DINONA, Inc.						
LAS-30 A/B	Diode	808 nm, 980 nm	Up to 15 J	100 – 500 ms	\$33,900	Focusing handpiece, EVLT kits, LVR kits, LIPO kits.
Ellipse, Inc.						
Ellipse Flex PPT	Pulsed Light	555 nm – 950 nm	Up to 26 J	Up to 100 ms	Contact mfr.	Multi-application platform includes programmable pulse technology (PPT) and patient database.
Ellipse I ² PL	Pulsed Light	555 nm – 950 nm	Up to 21 J	Up to 100 ms	Contact mfr.	Multi-application platform.
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.
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	510 – 1200 nm	Up to 50 J/cm ²	Up to 500 ms	\$54,900	
NaturaLase QS	Q-switched Nd:YAG	1064, 532, 585, 650 nm	1 J or 2 J	10 – 20 ns	\$93,900 - \$115,000	585 nm and 650 nm dye handpiece.
HOYA ConBio						
RevLite	EO Q-switched Nd:YAG with PhotoAcoustic Technology Pulse (PTP)	1064 nm, 532 nm, 585 nm, 650 nm	Up to 12 J/cm ²	5 – 20 ns	Contact mfr.	MultiLite handpieces for 585 nm and 650 nm converted wavelengths; MultiSpot handpiece offering four spot sizes from 2-8 mm.
MedLite C6	EO Q-switched Nd:YAG	1064 nm, 532 nm, 585 nm, 650 nm	Up to 12 J/cm ²	5 – 20 ns	Contact mfr.	Same as above.
MedLite C3	EO Q-switched Nd:YAG	1064 nm, 532 nm	Up to 12 J/cm ²	5 – 7 ns	Contact mfr.	MultiSpot handpiece offering four spot sizes from 2-8 mm.
V-Raser	Diode	980 nm	Variable	Variable	\$29,950	Four pound, 7x9x2 multi-spot handpiece.
IRIDEX						
VariLite	KTP / Diode	532 nm / 940 nm	250 J / 850 J	5 - 100 ms	\$54,500	0.7, 1.0, 2.0 mm handpieces, 14 mm ScanLite ^{XP} scanner (optional).
DioLite ^{XP}	KTP	532 nm	250 J	5 - 100 ms	\$42,500	0.5, 0.7, 1.0 mm handpieces, 14 mm ScanLite ^{XP} scanner (optional).
Lyra i	Nd:YAG	1064 nm	5 - 900 J	20 - 100 ms	\$72,500	VersaStat i 1 - 5 mm, cont. adj. handpiece, VersaStat i 10 mm.
Aura i	KTP	532 nm	1 - 240 J	1 - 50 ms	\$72,500	VersaStat i 1 - 5 mm, cont. adj. handpiece, SmartScan scanner DermaStat 1, 2, 4 mm.
Gemini	KTP / Nd:YAG	532 nm / 1064 nm	Up to 100 J / Up to 990 J	1 - 100 ms / 10 - 100 ms	Contact mfr.	VersaStat i 1 - 5 mm, cont. adj. handpiece and VersaStat i 10 mm. Optional DermaStat 1 or 2 mm (KTP only).
LASERING^{USA}						
Velure S5 MiXto VX	Diode	532 nm	0.5 – 5 W	10 - 1000 ms	\$53,900	MiXto VX fractional scanner. Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.5 mm.
Velure S5	Diode	532 nm	0.5 – 5 W	10 - 1000 ms	\$36,600	Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.5 mm.
Velure S8/15	Diode	808 nm	10 – 450 J/cm ²	10 - 9999 ms	\$24,800	Universal handpiece with wide-range of cannula inserts. Focusing handpiece with spot sizes of 0.5 mm, 1.0 mm, 1.5 mm.
Velure S8/30	Diode	808 nm	10 – 450 J/cm ²	10 - 9999 ms	\$24,800	Same as above.
Velure S800	Diode	808 nm	10 – 600 J/cm ²	10 - 1000 ms	\$61,000	Interchangeable inserts for spot sizes of 2.5 mm, 4 mm, 8 mm, 12 mm with ADS (Automatic Detection System) safety system.
Lumenis						
IPL Quantum DL	Nd:YAG	1064 nm	90 - 150 J/cm ²	5 - 38 ms	\$69,900	Upgradable to hair removal (HR), skin rejuvenation (SR) and tattoo removal (QS). Spot size 6 mm.
IPL Quantum SR	Intense Pulsed Light	560 - 1200 nm	15 - 45 J/cm ²	6 - 26 ms	Contact mfr.	Upgradable to hair removal (HR), deep vascular lesions and leg veins (DL) and tattoo removal (QS). Spot size 34 x 8 mm, optional 590 nm and 640 nm heads for skin rejuvenation.
Lumenis One	Intense Pulsed Light	515 - 1200 nm	10 - 40 J/cm ²	3 - 100 ms	Contact mfr.	Multi-technology, multi-application platform. Upgradable, expandable, seven IPL filters, novel OPT, optimized presets and patient database, spot sizes: 15 x 35 mm and 8 x 15 mm (IPL); 2 x 4, 6, 9 mm (Nd:YAG), 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		
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. Tabletop or portable.

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Med-Aesthetic Solutions, Inc. (continued)						
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						
Osyris Exotherme	Diode	980 nm	25 W	CW	Contact MedSurge Advances	Control4+ Video handpiece.
Osyris Endotherme	Diode	980 nm	25 W	CW	Contact MedSurge Advances	
Quantel Derma Viridis Derma	KTP	532 nm	5 W	15 - 150 ms	Contact MedSurge Advances	Scanner available, multipulse technology.
Quantel Derma IDAS	KTP	532 nm	8 W	2 ms - CW	Contact 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.
Novalis						
Clareon VR	Pulsed Light	500 – 610 nm, 740 – 1200 nm	Up to 35 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 VR	Pulsed Light	520 – 1200 nm	Up to 20 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 Lux1064 Nd:YAG Laser handpiece LuxG handpiece	Nd:YAG Pulsed Light	1064 nm 500 – 670 nm, 870 – 1400 nm	Up to 700 J Up to 60 J	5 – 100 1 – 400	Contact mfr. Contact mfr.	Four spot sizes: 1.5, 3, 6 and 9 mm.
PhotoMedex, Inc.						
LaserPro Diode	Diode Laser	810, 940, 980 nm	15 W, 25 W	N/A	Contact mfr.	Venous laser fibers.
Sciton						
Profile	Modular Platform	Various	Up to 400 J	0.1 – 200 ms, 1 – 15 sec	Starting at \$51,000	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. Computerized scanner; 30 x 30 mm Tx; integrated cooling.
Hair Removal and Vascular	Nd:YAG module	1064 nm	Up to 400 J	0.1 – 200 ms	\$29,000	Dual Nd:YAG, IPL, computerized scanner, 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters. Endovenous and transcutaneous laser Tx of varicose and other veins. Uses proprietary or third party fibers.
Profile HMV	Nd:YAG / Pulsed Light	1064 / 410 – 1400 nm	Up to 400 J	0.1 – 200 ms / 1 – 15 sec	\$159,000	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.
Pro V	1319/1064 nm, Nd:YAG, Pulsed Light	410 – 1319 nm	Up to 400 J	0.1 – 200 ms, 1 – 15 sec	Starting at \$56,000	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.
BBL	Pulsed Light Module	400 - 1400 nm	Up to 30 J	Up to 200 ms, 1 – 15 sec	\$36,000	
BBL/s	N/A	410 – 1400 nm	Up to 30 J/cm ²	Up to 500 ms	\$89,950	
SharpLight						
Beamax Formax100	Pulsed Light DPC (Dynamic Pulse Control)	535 – 950 nm 535 – 950 nm (DPC), 890 – 1150 nm, 520 – 650 nm (DPC)	5 – 20 J/cm ² up to 45 J/cm ²	10 – 15 ms 10, 12, 15, 20, 25 ms	Contact mfr. Contact mfr.	System includes one BeamVP535 HP. System includes: FormVP535 HP or FormVP890, thermal cooling with DPC forming. Spot size: 6.4 cm ² , 1.5 cm ² .
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 SkinClear SRVH	Pulsed Light Nd:YAG	410 – 1400 nm 1064 nm, 1320 nm	Up to 40 J/cm ² Up to 400 J/cm ²	1 – 30 ms 2 - 100 ms, 300 ms	\$34,995 Contact mfr.	Same as above. Integrated contact cooling. Variable focus handpiece: spot sizes 1-10 mm.
Syneron						
eLight SR	Optical Energy / RF Electrical Energy	580 nm – 980 nm	Up to 45 J/cm ² / Up to 25 J/cm ³	N/A	\$59,900	Applicator head. 12 x 25 mm Tx area. Three year warranty.
eLight SRA	Optical Energy / RF Electrical Energy	470 nm – 980 nm	Up to 45 J/cm ² / Up to 25 J/cm ³	N/A	\$59,900	Same as above.
eLaser LV	Diode / RF Electrical Energy	900 nm	Up to 140 J/cm ² / Up to 100 J/cm ³	N/A	\$75,900	Applicator head. 8 x 5 mm Tx area. Three year warranty.
eLaser LVA	Diode / RF Electrical Energy	900 nm	Up to 350 J/cm ² / 10 to 100 J/cm ³	N/A	\$75,900	Applicator head. 8 x 2 mm Tx area. Three year warranty.

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