

# VASCULAR TECHNOLOGY COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
<b>Aerolase</b>						
LightPod Neo XT	Nd:YAG	1064 nm	Up to 1274 J	0.65 ms or 1.5 ms	\$46,500	
<b>Aesthera</b>						
Isolaz	Photopneumatic	N/A	N/A	N/A	Contact mfr.	Multi-application (SR, acne, HR). No pain. Various start-up packages.
<b>Alma Lasers</b>						
Harmony	AFT Pulsed Light	515 – 950 nm, 540 – 950 nm	5 – 20 J/cm <sup>2</sup> , 5 – 20 J/cm <sup>2</sup>	10, 12, 15 ms	\$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 <sup>2</sup>	10, 40, 60 ms	\$18,000	1064 nm module, 2 and 6 mm spot sizes.
<b>Asclepion Laser</b>						
QuadroStar+ 532	LBO	532 nm	5 W, 8 W	5 ms - 100 sec	Contact mfr.	Handpiece set: 0.5, 1.0, 1.5 mm spot (2.8 mm opt.), bleaching handpiece and scanner available.
QuadroStar+ 532 / 980	LBO / Diode	532 nm / 980 nm	5 W, 8 W / 25 W	5 ms - 100 sec	Contact mfr.	Handpiece set: 0.5, 1.0, 1.5 mm spot (2.8 mm opt.), bare fiber 0.4 mm, bleaching handpiece, endovascular fiber set and scanner available.
QuadroStar+ 532 / 940	LBO / Diode	532 nm / 940 nm	5 W, 8 W / 25 W	5 ms - 100 sec	Contact mfr.	Same as above.
QuadroStar+ 532 / 810	LBO / Diode	532 nm / 810 nm	5 W, 8 W / 25 W	5 ms - 100 sec	Contact mfr.	Same as above.
QuadroStar+ 980	Diode	980 nm	25 W	5 ms - 100 sec	Contact mfr.	Handpiece set: 0.5, 1.0, 1.5 mm spot, bare fiber 0.4 mm, bleaching handpiece and endovascular fiber set available.
QuadroStar+ 940	Diode	940 nm	25 W	5 ms - 100 sec	Contact mfr.	Same as above.
QuadroStar+ 810	Diode	810 nm	25 W	5 ms - 100 sec	Contact mfr.	Same as above.
<b>Candela</b>						
Vbeam Perfecta	Pulsed Dye	595 nm	Up to 40 J/cm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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.
<b>CoolTouch</b>						
VARIA	Nd:YAG	1064 nm	500 J/cm <sup>2</sup>	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.
<b>Cutera</b>						
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 lentiginos.
<b>Cynosure, Inc.</b>						
Acclaim	Nd:YAG	1064 nm	10 – 600 J/cm <sup>2</sup>	0.4 – 300 ms	\$89,000	With SmartCool cold air cooling. No disposable costs.
Cynosure PL	Pulsed Light	560 – 950 nm	3 – 30 J	5 – 50 ms	\$49,500	Spot sizes: 46 x 18 mm and 46 x 10 mm.

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<b>Cynosure, Inc. (continued)</b>						
Elite	Alexandrite / Nd:YAG	755 nm / 1064 nm	25 – 100 J/cm <sup>2</sup> 10 – 600 J/cm <sup>2</sup>	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 <sup>2</sup> / 10 – 600 J/cm <sup>2</sup>	0.5 – 40 ms / 0.3 – 300 ms	\$145,000	Spot sizes: 1.5 mm, 12 mm, 15 mm. SmartCool air cooling.
Cynergy with XPL	Pulsed Dye / Nd:YAG / Pulsed Light	595 nm / 1064 nm / 560 – 950 nm	2 – 40 J/cm <sup>2</sup> / 10 – 600 J/cm <sup>2</sup> / 16 J/cm <sup>2</sup> – 8.3 cm <sup>2</sup> , 30 J/cm <sup>2</sup> – 4.6 cm <sup>2</sup> , 30 J/cm <sup>2</sup> – 2.1 cm <sup>2</sup> 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.
<b>DermaMed International, Inc.</b>						
Quadra Q4 Platinum Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm <sup>2</sup>	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 <sup>2</sup>	10 – 110 ms	\$39,500	
DermaYAG	Nd:YAG	1064 nm	15 - 300 J/cm <sup>2</sup>	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.
<b>DINONA, Inc.</b>						
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.
<b>Ellipse, Inc.</b>						
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 <sup>2</sup> PL	Pulsed Light	555 nm – 950 nm	Up to 21 J	Up to 100 ms	Contact mfr.	Multi-application platform.
<b>Focus Medical</b>						
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 <sup>2</sup>	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.
<b>HOYA ConBio</b>						
RevLite	EO Q-switched Nd:YAG with PhotoAcoustic Technology Pulse (PTP)	1064 nm, 532 nm, 585 nm, 650 nm	Up to 12 J/cm <sup>2</sup>	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 <sup>2</sup>	5 – 20 ns	Contact mfr.	Same as above.
MedLite C3	EO Q-switched Nd:YAG	1064 nm, 532 nm	Up to 12 J/cm <sup>2</sup>	5 – 7 ns	Contact mfr.	MultiSpot handpiece offering four spot sizes from 2-8 mm.
<b>LASERINGUSA</b>						
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 <sup>2</sup>	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 <sup>2</sup>	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 S800	Diode	808 nm	10 – 600 J/cm <sup>2</sup>	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.
<b>Lumenis</b>						
IPL Quantum DL	Nd:YAG	1064 nm	90 - 150 J/cm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	2 - 20 ms		
	LightSheer Diode	800 nm	10 - 100 J/cm <sup>2</sup>	5 - 400 ms		

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<b>Med-Aesthetic Solutions, Inc.</b>						
iPulse i400	Intense Pulsed Light	530 – 1200 nm	0 – 20 J/cm <sup>2</sup>	10 – 110 ms	\$49,995	Patented constant spectrum of light technology. Square pulse delivery. 8.9 cm <sup>2</sup> spot size and mini glass filter handpieces. Pre-programmed settings. Interactive display and touch screen. Tabletop or portable.
iPulse i200+	Intense Pulsed Light	530 – 1200 nm	0 – 20 J/cm <sup>2</sup>	10 – 110 ms	\$34,995	Patented constant spectrum of light technology. Square pulse delivery. 8.9 cm <sup>2</sup> spot size and mini glass filter handpieces. Pre-programmed settings.
<b>Novalis</b>						
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.
<b>Palomar</b>						
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.
<b>PhotoMedex, Inc.</b>						
LaserPro Diode	Diode Laser	810, 940, 980 nm	15 W, 25 W	N/A	Contact mfr.	Venous laser fibers.
<b>Sciton</b>						
Profile-MP	Modular Platform	Various	Up to 400 J	0.1 – 200 ms, 1 – 10 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.
ClearScan	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.
Profile HMV	Nd:YAG / Pulsed Light	1064 / 410 – 1400 nm	Up to 400 J	0.1 – 200 ms / 1 – 10 sec	\$159,000	Endovenous and transcutaneous laser Tx of varicose and other veins. Uses proprietary or third party fibers.
Pro V	1319/1064 nm, Nd:YAG, Pulsed Light	410 – 1319 nm	Up to 400 J	0.1 – 200 ms, 1 – 10 sec	Starting at \$56,000	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.
BBL	Pulsed Light Module	400 - 1400 nm	Up to 30 J	Up to 200 ms, 1 – 10 sec	\$36,000	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/s	N/A	410 – 1400 nm	Up to 30 J/cm <sup>2</sup>	Up to 500 ms	\$89,950	
<b>SharpLight</b>						
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 <sup>2</sup> up to 45 J/cm <sup>2</sup>	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 <sup>2</sup> , 1.5 cm <sup>2</sup> .
<b>Syneron</b>						
eLight SR	Optical Energy / RF Electrical Energy	580 nm – 980 nm	Up to 45 J/cm <sup>2</sup> / Up to 25 J/cm <sup>3</sup>	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 <sup>2</sup> / Up to 25 J/cm <sup>3</sup>	N/A	\$59,900	Same as above.
eLaser LV	Diode / RF Electrical Energy	900 nm	Up to 140 J/cm <sup>2</sup> / Up to 100 J/cm <sup>3</sup>	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 <sup>2</sup> / 10 to 100 J/cm <sup>3</sup>	N/A	\$75,900	Applicator head. 8 x 2 mm Tx area. Three year warranty.

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