

VASCULAR TECHNOLOGY COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories
Aerolase						
LightPod Neo XL	Nd:YAG	1064 nm	Up to 1020 J	0.65 ms	\$44,500	Portable (20 lbs.), powerful and pain free. No costly disposables or service calls required.
Alma Lasers						
Harmony	AFT Pulsed Light	515 – 950 nm, 540 – 950 nm	5 – 25 J/cm ² , 5 – 20 J/cm ²	10, 12, 15 ms	\$44,900	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	\$18,000	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 treatment window for fast treatments. 3-in-1 programmable wavelengths to 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 lentigines.
Cynosure, Inc.						
Acclaim	Nd:YAG	1064 nm	35 – 300 J	0.4 – 300 ms	\$89,000	With SmartCool cold air cooling. No disposable costs.
Cynosure PL	Pulsed Light	400 – 1200 nm	3 – 30 J	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 – 100 J / 35 – 300 J	0.5 – 300 ms / 0.4 – 300 ms	\$123,000	Spot sizes: 12 mm, 15 mm. SmartCool air cooling.
Cynergy	Pulsed Dye / Nd:YAG	595 nm / 1064 nm	7 – 40 J/cm ² / 10 – 600 J/cm ²	0.5 – 40 ms / 0.3 – 300 ms	\$145,000	Spot sizes: 12 mm, 15 mm. SmartCool air cooling.
Cynergy with XPL	Pulsed Dye / Nd:YAG / Pulsed Light	595 nm / 1064 nm / 560 – 950 nm	7 – 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 for minimal discomfort. One multi-pulsing handpiece for hair removal, pigmented/vascular lesions and acne. Pre-programmable settings for ease of use.
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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Focus Medical						
NaturaLase LP	Nd:YAG	1064 nm	Up to 400 J/cm ²	Up to 100 ms	\$69,900	Air cooling system included.
NaturaLight	Pulsed Light	510 – 1200 nm	35 J/cm ²	460 ms	\$49,900	
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.
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 achieves long lasting results in treatment of pigmented/vascular lesions with one handpiece. 8.9 cm ² spot size and mini glass filter handpieces. Easy-to-use, pre-programmed treatment and skin type settings. Interactive display and video touch screen with sound. Tabletop use or with portable stand.
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 achieves long lasting results in treatment of pigmented/vascular lesions with one handpiece. 8.9 cm ² spot size and mini glass filter handpieces. Easy-to-use, pre-programmed settings for treatment and skin type.
MedArt A/S						
MedArt 470	5 W Solid State Diode Pumped Laser	532 nm	Max. 1000 J/cm ²	Pulse width 10 - 1000 ms	Contact mfr.	Pulsed or CW mode. Tips offer variety of spot sizes, optional scanner with 10 x 10 mm Tx area. Optional skin cooling for improved patient comfort.
MedArt 435	90 W Diode	810 nm	Max. 1000 J/cm ²	Super long pulse 10 - 1000 ms	Contact mfr.	Pulsed or CW mode. Tips with spot sizes 1.2 mm, 2.5 mm, 4.0 mm. Optional cooling for patient comfort. Range of accessories for adaptation to varicose veins and hair removal treatment.
MedArt 426	30 W Diode	810 nm	Safety max. 200 J/cm ²	Pulse width 10 - 1000 ms	Contact mfr.	ILVO - a complete system for laser treatment of varicose veins with catheter introduction kit and single-use bare fiber. Also available in 980 nm wavelength.
MedSurge Advances						
Quantel Medical Viridis Derma	Diode	532 nm KTP	Up to 110 J	15 – 150 ms	Contact MedSurge Advances	Scanner Viriscan.
Quantel Medical Prolite II	Intense Pulsed Light	530 – 1200 nm	15 - 44 J/cm ²	20 – 72 ms	Contact MedSurge Advances	One pulsed light handpiece included – spot size 10 x 20 mm.
Novalis						
Clareon VR	Pulsed Light	500 – 610 nm, 740 – 1200 nm	Up to 35 J	30, 50, 70 ms	\$44,900	Four 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	\$34,900	Three handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.

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Palomar						
StarLux Platform Lux1064 Nd:YAG Laser handpiece	Nd:YAG	1064 nm	Up to 700 J	5 – 100	\$79,900	Four spot sizes: 1.5, 3, 6 and 9 mm.
LuxG handpiece	Pulsed Light	500 – 670 nm, 870 – 1400 nm	Up to 60 J	1 – 400	\$85,900	Up to 70 J on the StarLux 500 platform.
PhotoMedex, Inc.						
LaserPro Diode	Diode Laser	810, 940, 980 nm	15 W, 25 W	N/A	Contact mfr.	Venous laser fibers.
Quanta						
Ultrawave 1064	Nd:YAG	1064	Up to 500 J/cm ²	Up to 300 ms	Contact mfr.	Integrated skin cooling. Fixed handpieces for YAG (spot size): 2, 4, 6, 8, 10, 12 mm. Fixed handpieces for Alexandrite (spot size): 8, 10, 12, 14 mm. Variable handpieces for YAG and KTP YAG (spot size): 1 – 4 mm. Variable handpieces for YAG and Alexandrite (spot size): 6 – 12 mm and 12 – 16 mm. Fixed probes spot size: 25 x 13 mm ² or 48 x 13 mm ² . Standard unit. One handpiece. Up to two handpieces. Fixed probes spot size: 25 x 13 mm ² or 48 x 13 mm ² . Table top unit, one handpiece. Interchangeable probes available.
Ultrawave 755	Alexandrite	755	Up to 125 J/cm ²	Up to 100 ms	Contact mfr.	
Ultrawave I	Nd:YAG / KTP Nd:YAG	1064 / 532	Up to 500 J/cm ² / Up to 100 J/cm ²	Up to 300 ms / Up to 25 ms	Contact mfr.	
Ultrawave II	Alexandrite / Nd:YAG	755 / 1064	Up to 125 J/cm ² / Up to 500 J/cm ²	Up to 100 ms / Up to 300 ms	Contact mfr.	
Ultrawave III	Alexandrite / Nd:YAG / KTP Nd:YAG	755 / 1064 / 532	Up to 125 J/cm ² / Up to 500 J/cm ² / Up to 100 J/cm ²	Up to 100 ms / Up to 300 ms / Up to 25 ms	Contact mfr.	
Eterna Giovinezza	Intense Pulsed Light	550 – 950	Up to 50 J/cm ²	3 - 240 ms	Contact mfr.	
Eterna Giovinezza Plus	Intense Pulsed Light	550 – 950	Up to 50 J/cm ²	3 - 240 ms	Contact mfr.	
Eterna Giovinezza Compact	Intense Pulsed Light	550 – 950	Up to 50 J/cm ²	3 - 240 ms	Contact mfr.	
Quantel Medical						
VIRIDIS DERMA	Diode Laser	532 nm (KTP)	Up to 110 J	15 – 150 ms	Contact MedSurge Advances	Scanner Viriscan.
PROLITE II	Intense Pulsed Light	530 – 1200 nm	12 – 44 J/cm ²	20 – 72 ms	Contact MedSurge Advances	One pulsed light handpiece included – spot size 10 x 20 mm.
Radiancy						
Mistral	LHE (Light and Heat Energy)	400 – 1200 nm	4 – 15 J/cm ² LHE combined	Up to 80 ms	Contact mfr.	Assorted handpieces. Onboard patient database.
SkinStation	LHE	400 – 1200 nm	Up to 65 J LHE combined	10 ms	\$32,990	Assorted light unit assemblies (LUAs), three year warranty.
Duet	LHE	400 – 1200 nm	Up to 65 J LHE combined	10 ms	\$24,990	Assorted light unit assemblies (LUAs).
SPR	LHE	400 – 1200 nm	Up to 65 J LHE combined	10 ms	\$24,990	Assorted light unit assemblies (LUAs), one year warranty.
Sciton						
Profile-MP	Modular Platform	Various	Up to 400 J	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.
ClearScan	Nd:YAG module	1064 nm	Up to 400 J	0.1 – 200 ms	\$23,000	Computerized scanner; 30 x 30 mm Tx; integrated cooling.
Profile HMV	Nd:YAG / Pulsed Light	1064 / 410 – 1400 nm	Up to 400 J	0.1 – 200 ms / 1 – 10 sec	\$139,000	Dual Nd:YAG, intense pulsed light laser, computerized scanner, 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters, integrated cooling.
Pro-V	1319/1064 nm	410 – 1319 nm	Up to 400 J	0.1 – 200 ms 1 – 10 sec	Starting at \$49,000	Endovenous and transcutaneous laser Tx of varicose and other veins. Uses either proprietary or third party fibers.
BBL	Nd:YAG / Pulsed Light Module	400 - 1400 nm	Up to 30 J	Up to 200 ms, 1 – 10 sec	\$30,000	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.
BBLs	N/A	410 – 1400 nm	Up to 30 J/cm ²	Up to 500 ms	\$101,000	Table top system. Includes SkinTyte, 420, 515, 560, 590, 640, 695 filters, 15 x 45 and 15 x 15 spot sizes, precision cooling, three year warranty.
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 included. 12 x 25 mm treatment 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 included. 8 x 5 mm treatment 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 included. 8 x 2 mm treatment area. Three year warranty.

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