

# ACNE TX DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
<b>Aerolase</b>							
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.	
<b>Alma Lasers</b>							
Harmony <sup>XL</sup>	AFT Pulsed Light	420 – 950 nm	5 – 25 J/cm <sup>2</sup>	30, 40, 50 ms	Contact mfr.	Acne module, depot service, 40 x 16 mm spot.	Cleared
	Nd:YAG	1320 nm	Up to 40 J/cm <sup>2</sup>	30, 40, 50 ms	Contact mfr.	Acne scar module, depot service.	Cleared
<b>Candela</b>							
Smoothbeam	Diode	1450 nm	Up to 25 J/cm <sup>2</sup>	210 ms	Contact mfr.	Spot sizes 4–6 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.	Cleared
Vbeam Perfecta	Pulsed Dye	595 nm	Up to 40 J/cm <sup>2</sup>	0.45 – 40 ms	Contact mfr.	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.	Cleared
Vbeam Platinum	Pulsed Dye	595 nm	Up to 40 J/cm <sup>2</sup>	0.45 – 40 ms	Contact mfr.	Multiple spot sizes and unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.	Cleared
Vbeam Aesthetica	Pulsed Dye	595 nm	Up to 20 J/cm <sup>2</sup>	0.45 – 40 ms	Contact mfr.	Spot sizes up to 10 mm, two pigmented lesion handpieces; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.	
<b>Cynosure, Inc.</b>							
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	Contact mfr.	Spot sizes: 1.5 mm, 12 mm, 15 mm. SmartCool air cooling.	Cleared
<b>DermaMed International</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 for minimal discomfort.	Cleared
Quadra Q4 Gold Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm <sup>2</sup>	10 – 110 ms	\$39,500	One multi-pulsing handpiece for hair removal, pigmented/vascular lesions and acne.	
Quadra Q4 Silver Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm <sup>2</sup>	10 – 110 ms	\$29,500	Pre-programmable settings.	
<b>Edge Systems Corporation</b>							
HydraFacial MD Tower	Skin-solution resurfacing and LED	600 nm – 1000 nm, 420 nm	7.4 J per Tx area	CW	Starting at \$24,500	Marketing package, free disposables. Crystal-free micro-derm., facial lymphatic drainage, cellulite massage and cartridge handpiece with GlySal acid peels, TNS growth factors and DermaBuilder Peptide Complex available.	
<b>Energist NA</b>							
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, HE 110 J applicator option.	
Ultra Lite VPL	Variable Pulsed Light	530 – 950 nm	Up to 30 J	Variable	\$29,995	10x50 mm spot size for faster Tx, square pulses, upgradable to 51 J.	
iPulse I200+	Intensed Pulsed Light	530 – 1200 nm	0 – 20 J/cm <sup>2</sup>	10 – 110 ms	\$24,995	Patented constant spectrum of light technology. 8.9 cm <sup>2</sup> spot size. Pre-programmed settings.	
<b>General Project</b>							
Med Flash II	Pulsed Light	390 nm – 1200 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.	
<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.	
<b>IRIDEX</b>							
VariLite	KTP / Diode	532 nm / 940 nm	950 J/cm <sup>2</sup> / 900 J/cm <sup>2</sup>	5 – 100 ms	\$54,500	0.7, 1.0, 2.0 mm handpieces, optional 14 mm ScanLite <sup>XP</sup> scanner, optional ClearView 3.	
DioLite <sup>XP</sup>	KTP	532 nm	950 J/cm <sup>2</sup>	5 – 100 ms	\$42,500	0.5, 0.7, 1.0 mm handpieces, optional ScanLite <sup>XP</sup> scanner, optional ClearView 3.	
Gemini	KTP / Nd:YAG	532 nm / 1064 nm	Up to 100 J/cm <sup>2</sup> / up to 990 J/cm <sup>2</sup>	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 mm (KTP only), optional ClearView 3.	
<b>LASERING<sup>USA</sup></b>							
MiXto SX	Fractional CO <sub>2</sub>	10.6 nm	0.5 – 30 W	N/A	\$79,000	Patent pending MiXto SX fractional scanner system. 300 micron spot scanner for optimal heat delivery and collagen production. 5% to 40% density adjustment. Optional 180 micron spot scanner for deep ablation and skin tightening.	Cleared

Note: Data subject to change; please refer to Company Directory for supplier contact information.

# ACNE Tx DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
<b>Lutronic, Inc.</b>							
Spectra VRM II	Q-switched Nd:YAG	532 nm, 585 nm, 650 nm, 1064 nm	Up to 1.5 J	5 ns, 300 $\mu$ s		Spectra Peel for active inflammatory acne.	
<b>Mattioli Engineering</b>							
Mattioli Pulse II	IPL	560 – 960 nm	30 J/cm <sup>2</sup>	15 – 35 ms		4 cm <sup>2</sup> spot size; all skin types; SR handpiece incl. Lamp water cooling and low integrated contact cooling (Peltier). 1 sec shot speed - fast collagen regeneration. Fractional filter 3 mm spot; all skin types; SR handpiece incl. Lamp water cooling and low integrated contact cooling (Peltier). 1 sec shot speed - fast collagen regeneration.	
Q Fractional	Fractional IPL	560 – 960 nm	25 J/cm <sup>2</sup>	15 – 35 ms			
<b>Palomar</b>							
StarLux Platform LuxV handpiece	Pulsed Light	400 – 700 nm, 870 – 1200 nm	Up to 26 J	0.5 – 500	Contact mfr.	Active contact cooling. Smooth pulse delivery.	Cleared
<b>Quanta System</b>							
Eterna Giovinezza	Pulsed Light	400 nm – 1200 nm	Up to 20 J/cm <sup>2</sup>	3 – 240 ms	Contact mfr.	Pulsed light handpieces available at 400–1200, 550–950, 570–1200 590–1200, 625–1200 and 650–1200 nm.	
Eterna Giovinezza Plus	Pulsed Light	400 nm – 1200 nm, 625 nm – 1200 nm	Up to 20 J/cm <sup>2</sup> , up to 40 J/cm <sup>2</sup>	3 – 240 ms			
Eterna Giovinezza Compact (table top)	Pulsed Light	400 nm – 1200 nm	Up to 40 J/cm <sup>2</sup>	3 – 240 ms			
<b>Sciton</b>							
JOULE	Nd:YAG / Er:YAG / BroadBand Light	Various	Up to 400 J/cm <sup>2</sup>	0.1 – 200 ms, 1 – 10 sec	Contact mfr.	Configurable up to nine modules.	Cleared
ThermaScan	Nd:YAG module	1319 nm	Up to 30 J/cm <sup>2</sup>	10 – 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 <sup>2</sup>	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.	
<b>Syneron</b>							
eMax/eLight AC	Optical Energy / RF Electrical Energy	400 – 980 nm	Up to 18 J/cm <sup>2</sup> / up to 20 J/cm <sup>3</sup>	N/A	Contact mfr.	25 x 12 mm spot size. Three year warranty.	Cleared

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## PRODUCT PROFILES



### LightPod Lasers

Aerolase manufactures the innovative family of LightPod® aesthetic lasers that are portable, powerful and pain free. The LightPod Neo™ 1064 nm laser is for pain free hair removal on all skin types, photorejuvenation with skin tightening, vascular lesions, tattoo reduction and many other medical and aesthetic applications. The LightPod Era™ 2940 nm laser is for laser peels, gentle resurfacing, acne scar reduction and lesion removal. All LightPod lasers are maintenance free with no costly disposables or service calls required.

Aerolase: 877-379-2435 or visit [www.aerolase.com](http://www.aerolase.com)



### SopranoXL

The SopranoXL from Alma Lasers is a revolutionary diode laser system for permanent hair reduction and topical dermal heating. As one of the world's first laser hair removal systems offering virtually painless treatment, it is suitable for all pigmented hair on all skin types. The SopranoXL features a new, near infrared module to provide topical heating of intradermal and subdermal tissue. The exclusive In-Motion™ technology ensures that the treatment is easy, quick and comfortable.

Alma Lasers: 866-414-ALMA or visit [www.almalasers.com](http://www.almalasers.com)



### C-Sculpt

DermaMed International, Inc. offers the C-Sculpt cellulite system which utilizes LED, cooling and massage for the treatment of cellulite, skin tightening, toning and body sculpting. C-Sculpt stimulates microcirculation and promotes lymphatic drainage while dramatically reducing the appearance of cellulite and is easy on the technician and relaxing for the patient.

DermaMed International: 888-789-6342 or visit [www.DermaMedIntl.com](http://www.DermaMedIntl.com)