

# 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 1274 J	0.65 ms 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. One multi-pulsing handpiece for hair removal, pigmented/vascular lesions and acne. Pre-programmable settings.	Cleared
Quadra Q4 Gold Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm <sup>2</sup>	10 – 110 ms	\$39,500		
Quadra Q4 Silver Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm <sup>2</sup>	10 – 110 ms	\$29,500		
<b>Edge Systems Corporation</b>							
HydraFacial	Serum-based skin resurfacing and LED	600 – 1000 nm, 420 nm	7.4 J per Tx area	CW	Starting at \$24,500	Multiple modality system. Crystal-free microdermabrasion, lymphatic and cellulite massage. Marketing package, trade-out, free disposables, financing available.	
<b>Focus Medical</b>							
NaturaLight	Pulsed Light	420 – 1200 nm	Up to 50 J/cm <sup>2</sup>	Up to 500 ms	\$54,900		Cleared
<b>Fotona</b>							
SP Plus	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm <sup>2</sup> , 50 J / Up to 3,000 mJ	0.1 – 300 ms / 0.1 – 1.5 ms	Contact supplier	Nd:YAG handpiece: spot sizes from 2 to 12 mm; S-11 Nd:YAG scanner with 42 cm <sup>2</sup> Tx area; Er:YAG handpieces: spot sizes from 0.5 to 12 mm; Pixel Screen Technology handpieces; Variable Square Pulse (VSP) and Energy Feedback Control (EFC) technology supported; FRAC3 rejuvenation Tx enabled.	
SP Dualis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 400 J/cm <sup>2</sup> , 20 J / up to 3,000 mJ	5 – 200 ms / 0.1 – 1.5 ms	Contact supplier	Nd:YAG handpiece: spot sizes from 2 to 8 mm; scanner with 35 x 60 mm Tx area; Er:YAG handpieces: spot sizes from 0.5 to 12 mm and Pixel Screen Technology handpieces; VSP and EFC technology supported.	
XS Dualis	Er:YAG	2940 nm	Up to 3,000 mJ	0.1 – 1.5 ms	Contact supplier	Handpieces with spot sizes from 0.5 to 12 mm; Pixel Screen Technology handpieces; VSP and EFC technology supported.	
XS Fidelis	Er:YAG	2940 nm	Up to 1,000 mJ	0.1 – 1.5 ms	Contact supplier	Handpieces with spot sizes from 0.5 to 7 mm; Pixel Screen Technology handpieces for fractional Tx; VSP and EFC technology supported.	
XP MAX	Nd:YAG	1064 nm	Up to 600 J/cm <sup>2</sup> , 120 J	0.1 – 300 ms	Contact supplier	Handpiece with spot sizes from 2 to 20 mm; S-11 scanner with 42 cm <sup>2</sup> Tx area, 3, 6, 9 mm scanner spot sizes; VSP and EFC technology supported.	
XP Plus	Nd:YAG	1064 nm	Up to 600 J/cm <sup>2</sup> , 50 J	5 – 200 ms	Contact supplier	Handpiece with spot sizes from 2 to 10 mm; S-11 scanner with 42 cm <sup>2</sup> Tx area; VSP and EFC technology supported.	

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>Fotona (continued)</b>							
XP Dualis	Nd:YAG	1064 nm	Up to 400 J/cm <sup>2</sup> , 20 J	5 – 200 ms	Contact supplier	Handpiece with spot sizes from 2 to 8 mm; scanner with 35x60 mm Tx area; VSP and EFC technology supported.	
XP-2 Focus	Nd:YAG (QCW and Long Pulse)	1064 nm	30 W (QCW) / up to 300 J/cm <sup>2</sup> (LP)	0.1 – 0.4 ms (QCW) / 5 – 50 ms (LP)	Contact supplier	Surgical kits. Bare silica fibers with 200, 300 and 600 µm core sizes. Handpiece with spot sizes from 2 to 8 mm, VSP and EFC technology supported. Pending FDA approval.	
XP Fidelis	Nd:YAG	1064 nm	Up to 300 J/cm <sup>2</sup> , 10 J	5 – 50 ms	Contact supplier	Handpiece with spot sizes from 2 to 8 mm, VSP technology supported.	
<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>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
<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 µs		Spectra Peel for active inflammatory acne.	
<b>Novalis</b>							
Clareon AR	Pulsed Light	420 – 1200 nm	Up to 15 J	30, 50, 70 ms	Contact mfr.	Six handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.	Cleared
Solarus AR	Pulsed Light	420 – 1200 nm	Up to 12 J	20, 40, 60 ms	Contact mfr.	Three handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.	Cleared
<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>Photo Therapeutics, Inc.</b>							
Omnilux Blue	LED	415 nm	Up to 55 J/cm <sup>2</sup>	CW	Contact mfr.	Interchangeable Tx heads.	Cleared
Omnilux Revive	LED	633 nm	Up to 150 J/cm <sup>2</sup>	CW	Contact mfr.	Interchangeable Tx heads.	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>Quantel Derma GmbH</b>							
ARAMIS	Er:Glass	1540 nm	Up to 126 J/cm <sup>2</sup>	3.3 ms		Integrated skin cooling. Handpiece for platform system LEDA with integrated skin cooling. Treatment screen for platform system LEDA.	
LEDA HP 415 blue	LED	415 nm (blue)	Up to 450 mW/cm <sup>2</sup>	Pulsed and CW			
LEDA SCR 585 yellow	LED	585 nm (yellow)	Up to 35 mW/cm <sup>2</sup>	Pulsed and CW			
<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.	
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.	Cleared
BBL	Broadband Light module	420 – 1400 nm	Up to 30 J/cm <sup>2</sup>	Up to 200 ms	Contact mfr.	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.	Cleared
<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

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