

ACNE TX DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
Aerolase							
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.	
Alma Lasers							
Harmony ^{XL}	AFT Pulsed Light	420 – 950 nm	5 – 25 J/cm ²	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 ²	30, 40, 50 ms	Contact mfr.	Acne scar module, depot service.	Cleared
Candela							
Smoothbeam	Diode	1450 nm	Up to 25 J/cm ²	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 ²	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 ²	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 ²	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.	
Cynosure, Inc.							
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	Contact mfr.	Spot sizes: 1.5 mm, 12 mm, 15 mm. SmartCool air cooling.	Cleared
DermaMed International							
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.	Cleared
Quadra Q4 Gold Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	10 – 110 ms	\$39,500		
Quadra Q4 Silver Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	10 – 110 ms	\$29,500		
Edge Systems Corporation							
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.	
Focus Medical							
NaturaLight	Pulsed Light	420 – 1200 nm	Up to 50 J/cm ²	Up to 500 ms	\$54,900		Cleared
Fotona							
SP Plus	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 600 J/cm ² , 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 ² 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 ² , 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 ² , 120 J	0.1 – 300 ms	Contact supplier	Handpiece with spot sizes from 2 to 20 mm; S-11 scanner with 42 cm ² 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 ² , 50 J	5 – 200 ms	Contact supplier	Handpiece with spot sizes from 2 to 10 mm; S-11 scanner with 42 cm ² 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
Fotona (continued)							
XP Dualis	Nd:YAG	1064 nm	Up to 400 J/cm ² , 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 ² (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 ² , 10 J	5 – 50 ms	Contact supplier	Handpiece with spot sizes from 2 to 8 mm, VSP technology supported.	
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.	
LASERING^{USA}							
MiXto SX	Fractional CO ₂	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
Lutronic, Inc.							
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.	
Novalis							
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
Palomar							
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
Photo Therapeutics, Inc.							
Omnilux Blue	LED	415 nm	Up to 55 J/cm ²	CW	Contact mfr.	Interchangeable Tx heads.	Cleared
Omnilux Revive	LED	633 nm	Up to 150 J/cm ²	CW	Contact mfr.	Interchangeable Tx heads.	Cleared
Quanta System							
Eterna Giovinezza	Pulsed Light	400 nm – 1200 nm	Up to 20 J/cm ²	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 ² , up to 40 J/cm ²	3 – 240 ms			
Eterna Giovinezza Compact (table top)	Pulsed Light	400 nm – 1200 nm	Up to 40 J/cm ²	3 – 240 ms			
Quantel Derma GmbH							
ARAMIS	Er:Glass	1540 nm	Up to 126 J/cm ²	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 ²	Pulsed and CW			
LEDA SCR 585 yellow	LED	585 nm (yellow)	Up to 35 mW/cm ²	Pulsed and CW			
Sciton							
JOULE	Nd:YAG / Er:YAG / Broadband Light	Various	Up to 400 J/cm ²	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 ²	10 – 200 ms	Contact mfr.	Computerized scanner; 30 x 15 mm Tx; integrated cooling.	Cleared
BBL	Broadband Light module	420 – 1400 nm	Up to 30 J/cm ²	Up to 200 ms	Contact mfr.	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.	Cleared
Syneron							
eMax/eLight AC	Optical Energy / RF Electrical Energy	400 – 980 nm	Up to 18 J/cm ² / up to 20 J/cm ³	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.