

# ACNE TX DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
<b>Advanced Technology Laser</b>							
CrystaLite	PDT	Blue 410 nm	5 – 40 mW/cm <sup>2</sup>	N/A	Contact mfr.	Spot size: 19.4 cm x 6 cm x 5 cm; one year warranty.	
<b>Aerolase</b>							
LightPod Neo XT	Nd:YAG	1064 nm	Up to 1,274 J	0.65 or 1.5 ms	\$49,500	No costly, messy sprays or disposables. Extended purchase plans available.	
<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>Asclepion Laser Technologies</b>							
MeDioStar XT	Diode	808 nm	Up to 170 J/cm <sup>2</sup>	Up to 500 ms	Contact mfr.	10 and 12 mm spot sizes (standard); 4, 6 and 14 mm tips available; integrated skin cooling.	
MeDioStar Effect	Diode / Acoustic Wave / RF / IPL	808 nm	Up to 170 J/cm <sup>2</sup>	Up to 500 ms	Contact mfr.	Same as above.	
<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>DEKA Medical</b>							
SmartXide DOT	Fractional CO <sub>2</sub>	10.6 μm	300 W max.	200 μs – 80 ms	\$85,000	Articulated arm and touch control. Hi-scan scanner. Interchangeable handpieces.	
Synchro HP	Multi-application system	1064 Nd:YAG, 2940 Er:YAG, Pulsed Light	700 J/cm <sup>2</sup> (max.) / 1500 J/cm <sup>2</sup> (max.) with optional hand-piece with a 1.5 mm diameter	0.2 ms – 300 ms	\$119,000 (1 UPL hand-piece)		
<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/cm <sup>2</sup>	Variable	Contact mfr.	Two year warranty, training, three applicators, large 10x50 mm spot size for faster Tx. Square pulses, HE 110 J/cm <sup>2</sup> applicator option. 10x50 mm spot size for faster Tx, square pulses, upgradable to 51 J/cm <sup>2</sup> . Patented constant spectrum of light technology. 8.9 cm <sup>2</sup> spot size. Pre-programmed settings.	
Ultra Lite VPL	Variable Pulsed Light	530 – 950 nm	Up to 30 J/cm <sup>2</sup>	Variable	\$29,995		
iPulse I200+	Intensed Pulsed Light	530 – 1200 nm	0 – 20 J/cm <sup>2</sup>	10 – 110 ms	\$24,995		
i300	Intensed Pulsed Light	530-1200 nm	0-20 J/cm <sup>2</sup>	10-50 ms (single); 10-20 ms on-time (triple); 7-30 ms off-time (Multiple Pulse Pattern Configuration)	\$24,995	Two year warranty, patented constant spectrum of light technology. 8.9 cm <sup>2</sup> spot size, pre-programmed settings.	
<b>Focus Medical</b>							
NaturalLight	Pulsed Light	420 – 1200 nm	Up to 50 J/cm <sup>2</sup>	Up to 500 ms	\$59,900		Cleared
<b>Fotona</b>							
SP Dynamis	Long Pulse Nd:YAG / QCW Nd:YAG / Er:YAG	1064 nm (LP and QCW) / 2940 nm	Up to 600 J/cm <sup>2</sup> / up to 30 W / up to 95 J/cm <sup>2</sup>	0.1 – 50 ms / 0.1 – 2 ms / 0.1 – 1.5 ms	Contact mfr.	FDA pending F-Runner fractal scanner: 0.25 mm pixel, 12x14 mm scan area and S-Runner scanner: 4 mm spot, 40x40 mm scan area. Pixel Screen handpieces; spot sizes: Er:YAG: 0.5-12 mm; Nd:YAG: 2-10 mm. S-11 scanner: 42 cm <sup>2</sup> Tx area. Surgical kits; bare silica fibers: 600 μm core size. Variable Square Pulse (VSP) and Energy Feedback Control (EFC) supported. Nd:YAG spot sizes: 2-12 mm; S-11 scanner: 42 cm <sup>2</sup> Tx area. Er:YAG spot sizes: 0.5-12 mm; Pixel Screen handpieces. VSP and EFC supported.	
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 mfr.		
SP Dualis	Nd:YAG / Er:YAG	1064 nm / and 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 mfr.		
XS Dualis	Er:YAG	2940 nm	Up to 3,000 mJ	0.1 – 1.5 ms	Contact mfr.	Er:YAG spot sizes: 0.5-12 mm; Pixel Screen handpieces. VSP and EFC supported.	

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<b>Fotona (continued)</b>							
XS Fidelis	Er:YAG	2940 nm	Up to 1,000 mJ	0.1 – 1.5 ms	Contact mfr.	Er:YAG spot sizes: 0.5-7 mm; Pixel Screen handpieces for fractional Tx. VSP and EFC supported.	
XP MAX	Nd:YAG	1064 nm	Up to 600 J/cm <sup>2</sup> , 120 J	0.1 – 300 ms	Contact mfr.	Spot sizes: 2-20 mm. S-11 scanner with 42 cm <sup>2</sup> Tx area; 3 mm, 6 mm, 9 mm spot sizes; VSP and EFC supported.	
XP Plus	Nd:YAG	1064 nm	Up to 600 J/cm <sup>2</sup> , 50 J	5 – 200 ms	Contact mfr.	Spot sizes: 2-10 mm.; S-11 scanner: 42 cm <sup>2</sup> Tx area; VSP and EFC supported.	
XP Dualis	Nd:YAG	1064 nm	Up to 400 J/cm <sup>2</sup> , 20 J	5 – 200 ms	Contact mfr.	Spot sizes: 2-8 mm; scanner: 35x60 mm Tx area; VSP and EFC supported.	
XP-2 Focus	Nd:YAG (QCW / Long Pulse)	1064 nm	30 W / up to 300 J/cm <sup>2</sup>	0.1 – 0.4 ms / 5 – 50 ms	Contact mfr.	Surgical kits. Bare silica fibers: 200, 300, 600 μm core sizes. Nd:YAG spot sizes: 2-8 mm, VSP and EFC supported.	
XP Fidelis	Nd:YAG	1064 nm	Up to 300 J/cm <sup>2</sup> ,	5 – 50 ms	Contact mfr.	Spot sizes: 2-8 mm, VSP supported.	
<b>Genesis Biosystems</b>							
AccelaWave Pulsed Light System	Intense Pulsed Light	420 nm, 510 nm, 560 nm, 640 nm, 695 nm, 755 – 1200 nm	Up to 50 J/cm <sup>2</sup>	Variable, with micro-pulsing	Contact mfr.	Rolling stand, filters, footswitch, protective eyewear and eye shields, on-site training and cert., one year warranty, extended warranty avail.	510k cleared
AccelaFuze Combination Therapy System	LED / Topical Infusion	420 nm, 590 nm, 627 nm	135 mW/cm <sup>2</sup>	500 ms, pulsed	Contact mfr.	Handpiece, Tx tips, five infusion solution canisters, custom stand with storage. Dermacel peptide serums, filters, footswitch, protective eye shields, CoolBreeze Airflow, on-site training and cert., three year warranty.	Cleared
<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	Contact mfr.	Patent pending, 300 micron spot scanner for optimal heat delivery and collagen production. 5% to 40% density adjustment. Optional 180 micron spot scanner.	Cleared
<b>Lutronic, Inc.</b>							
SPECTRA	Q-switched Nd:YAG	532 nm, 585 nm, 650 nm, 1064 nm	Up to 1.5 J	5 ns, 300 μs	Contact mfr.	Spectra Peel for active inflammatory acne, acne scars and enlarged pores.	
<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: 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	Contact mfr.		
Eterna Giovinezza Compact (table top)	Pulsed Light	400 nm – 1200 nm	Up to 40 J/cm <sup>2</sup>	3 – 240 ms	Contact mfr.		
<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.	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.	Cleared
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.	Cleared
BBLs	BroadBand Light	420 – 1400 nm	Up to 30 J/cm <sup>2</sup>	Up to 200 ms	Contact mfr.	Table top system. SkinTyte, 420, 515, 560, 590, 640, 695 filters, 15 x 45 mm and 15 x 15 mm spot sizes, integrated cooling.	Cleared

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# ACNE Tx DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
<b>SharpLight</b>							
Beamax Formax Plus	Intense Pulsed Light DPC (Dynamic Pulse Control)	415-950 nm (DPC) 415-950 nm	5-15 J/cm <sup>2</sup> 5-15 J/cm <sup>2</sup>	30-50 ms 15, 30, 40, 50, 100 ms		Includes AC415 HP. Multi-technology platform, skin cooling with DPC forming. Spot sizes: 6.4 cm <sup>2</sup> , three different RF heads. Multi-technology platform combines laser, RF and IR. Skin cooling with DPC forming. Six MaxRF heads.	
Omnimax	DPC	415-950 nm	5-15 J/cm <sup>2</sup>	15, 30, 40, 50, 100 ms			
<b>Solta</b>							
Fraxel re:fine	Single Mode Fiber Laser	1410 nm	5 – 20 mJ/MTZ	N/A	Contact mfr.	Intelligent Optical Tracking system (IOTS) adjusts to hand speed and ensures uniform Tx. Maximized lesion depth for chosen pulse energy. Variable optical spot size using telescope. Zimmer cooling integrated into handpiece. Same as above.	
Fraxel re:store DUAL	Dual Erbium Fiber / Thulium Fiber Laser	1550 nm / 1927 nm	Up to 70 mJ/MTZ / up to 20 mJ/MTZ	N/A	Contact mfr.		
<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
<b>Viora</b>							
TRIOS	IPL	400 - 1200	Up to 22 J/cm <sup>2</sup>	25 ms	\$24,900 for all three handpieces	Practitioner goggles, client brochures and poster, marketing support program. Same as above plus hygiene rings, spot sizes 50 x 25 mm (12.5 cm <sup>2</sup> ), 35 x 15 mm and 20 x 10 mm.	
Axiom	IPL	390 – 510 nm	Up to 39 J/cm <sup>2</sup> with .5 J/cm <sup>2</sup> increments	Adj. 25 - 75 ms with 1 ms steps (single mode); 2.2 - 12.5 ms with 0.1 ms steps (pulsed mode)	Contact mfr.		

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## PRODUCT PROFILES



### VariLite

The VariLite, with its 532 nm KTP and 940 nm diode wavelengths, offers dual-wavelength versatility in a single system solution. It combines reliability with true portability, efficient performance and clinical versatility for the precise treatment of vascular, pigmented and cutaneous lesions.

IRIDEX Corporation: 800-388-4747 or 650-962-8100 or visit [www.iridex.com](http://www.iridex.com)



### EndyMed PRO

EndyMed PRO is the ultimate in versatility, offering a multitude of treatment options in one radiofrequency (RF) driven device. Utilizing proprietary 3DEEP technology, the EndyMed PRO provides deep dermal heating and collagen remodeling to tighten skin. EndyMed PRO provides the safety of bi-polar RF technology with the depth and results of monopolar RF technology, offering the best of both worlds with its unique reverse polarity for 3DEEP. Advantages of 3DEEP include: controlled depth of energy, up to 9 mm for maximum results; precise energy delivery to minimize the risk to skin's surface; and smart power for consistent treatment.

Eclipse: 800-759-6876 or visit [www.eclipsemed.com](http://www.eclipsemed.com)



### FotoFindermediscope

FotoFindermediscope is the user-friendly imaging system for consistent before and afters of face, neck and body. All camera settings are administered by a computer and automatically adjusted for follow-up appointments. With FotoFindermediscope outstanding before and after photos are captured every time, by any user. The integrated SkinSpector analysis not only shows sun damage (brown spots) and vascular conditions (redness), but quantifies its extent and compares it with a reference database.

FotoFinder Systems, Inc.: 888-501-0805 or visit [www.fotofinder-systems.com](http://www.fotofinder-systems.com)