

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	\$46,500	Portable (22 lbs.), powerful and pain free. No costly disposables or service calls required.	
Alma Lasers							
Harmony	AFT Pulsed Light	420 – 950 nm	5 – 20 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	\$59,900	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	\$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.	Cleared
Vbeam Platinum	Pulsed Dye	595 nm	Up to 40 J/cm ²	0.45 – 40 ms	\$91,500	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	\$79,900	Spot sizes up to 10 mm, two pigmented lesion handpieces; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.	
CoolTouch							
CT3 PLUS	Nd:YAG	1320 nm	24 J/cm ²	50 ms to continuous	\$54,995	10 mm spot size; pulsed cryogen available with pre-, mid- and post-cooling. Treats acne, acne scars and wrinkles.	Cleared
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	\$145,000	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.	Cleared
Quadra Q4 Gold Series	Intense Pulsed Light	500 – 1200 nm	Up to 20 J/cm ²	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 ²	10 – 110 ms	\$29,500	Pre-programmable settings.	
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.	
Ellipse, Inc.							
Ellipse Flex PPT	Pulsed Light	530 nm – 175 nm	Up to 19 J	Up to 100 ms	Contact mfr.	Multi-application platform. Includes programmable pulse technology (PPT) and patient database.	Cleared
Juvia	Fractional CO ₂ Laser	10,600 nm	0.1 – 15 W	N/A	Contact mfr.	Flexible fiber delivery. Built-in parameter controls on handpiece. Adjustable scan dwell times: 2 ms to 7 ms. Scan density: 7 x 7; 9 x 9: 11 x 11 MTZ/cm ² . Scan area: 1 cm ² . MTZ (spot) size: 500 µm. No consumables.	Cleared
Energist (formerly McCUE)							
ULTRA VPL	Variable Pulsed Light	530 - 950 nm, 610 - 1020 nm	Up to 51 J/cm ²	Variable	\$67,750	Three year warranty, two full training days, all applicators included, large 10x50 mm spot size for faster Tx, square pulses and dynamic skin cooling.	Cleared
ULTRA Lite	Variable Pulsed Light	530 – 950 nm	Up to 30 J	Variable	\$37,750	10 x 50 mm spot size for faster treatments, square pulses, dynamic cooling and easily upgradable to 51 J.	
Focus Medical							
NaturaLight	Pulsed Light	420 – 1200 nm	Up to 50 J/cm ²	Up to 500 ms	\$54,900		Cleared
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.	
IRIDEX							
VariLite	KTP / Diode	532 nm / 940 nm	250 J / 850 J	5 - 100 ms	\$54,500	0.7, 1.0, 2.0 mm handpieces, 14mm ScanLite ^{XP} scanner (optional).	Cleared

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IRIDEX (continued)							
Gemini	KTP / Nd:YAG	532 nm / 1064 nm	Up to 100 J / Up to 990 J	1 -100 ms / 10 - 100 ms	Contact mfr.	VersaStat i 1-5 mm, cont. adj. handpiece; VersaStat i 10 mm, DermaStat 1 or 2 mm (KTP only).	Cleared
Aura i	KTP	532 nm	1 - 240 J	1 - 50 ms	\$72,500	VersaStat i 1-5 mm, cont. adj. handpiece; SmartScanner, DermaStat 1, 2 or 4 mm.	Cleared
LASERING^{USA}							
SLIM Mixto SX	Fractional CO ₂	10,600 nm	0.5 - 30 W	N/A	\$79,000	Patent pending Mixto SX fractional scanner system. Full range of accessories available. Approved for acne scar Tx.	Cleared
LIGHTWAVE Technologies							
LIGHTWAVE Elite	LED Light therapy	630 nm, 880 nm, 420 nm	Up to 180 J/cm ²	CW and Variable	Starting at \$19,000	Newest and most sophisticated tri-wavelength LED system.	
LIGHTWAVE Deluxe	LED Light therapy	630 nm / 880 nm, 630 nm / 420 nm	Up to 160 J/cm ²	CW and Variable	Starting at \$15,000	Advanced dual wavelength LED system.	
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.	
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. 8.9 cm ² spot size, mini glass filter handpieces. Pre-programmed settings. Interactive display and touch screen. Tabletop or portable.	Cleared
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. 8.9 cm ² spot size, mini glass filter handpieces. Pre-programmed settings.	Cleared
MAStique Light Skin Rejuvenation System	LED	470 nm, 525 nm, 590 nm, 640 nm	Up to 29 J/cm ²	Variable with six presets	\$16,995	Non-invasive and non-ablative high-frequency and micro currents enhance the effects of LED phototherapy.	
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
Sciton							
Profile	Modular Platform	Various	Up to 400 J/cm ²	0.1 - 200 ms, 1 - 10 sec	Starting at \$51,000	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.	Cleared
Acne and Non-Ablative	Nd:YAG module	1319 nm	Up to 80 J/cm ²	10 - 200 ms	\$29,000	Computerized scanner; 30 x 30 mm Tx; integrated cooling.	Cleared
BBL	Pulsed Light module	410 - 1400 nm	Up to 30 J/cm ²	Up to 200 ms, 1 - 10 sec	\$36,000	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.	Cleared
Profile Strata	Er:YAG / Pulsed Light	410 - 2940 nm	Up to 400 J/cm ²	Up to 200 ms, 1 - 10 sec	\$179,000	IPL with 15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling; computerized TRL and ProFractional scanners, 30 x 30 mm Tx.	Cleared
Profile HMV	Dual Nd:YAG / Pulsed Light	1064 / 410 - 1400 nm	Up to 400 J/cm ²	0.1 - 200 ms / 1 - 10 sec	\$159,000	Dual Nd:YAG, IPL computerized scanner, 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters.	Cleared
Sybaritic, Inc.							
SkinClear SRVH	Nd:YAG	1320 nm	Up to 19 J/cm ²	300 ms	Contact mfr.	10 mm spot size and integrated contact cooling.	Cleared
NannoLight	Pulsed Light	410 - 1400 nm	Up to 45 J/cm ²	1 - 30 ms	\$42,995	Six filters avail. Only requires one handpiece. Active contact cooling.	Cleared
SpectraQuattro	Pulsed Light	410 - 1400 nm	Up to 40 J/cm ²	1 - 30 ms	\$34,995	Same as above.	Cleared
Syneron							
eLight AC	Optical Energy / RF Electrical Energy	400 - 980 nm	Up to 18 J/cm ² / Up to 20 J/cm ³	N/A	\$59,900	Applicator head. 12 x 25 mm Tx area. Three year warranty. No disposable costs.	Contact mfr.

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