

ACNE TX DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Price	Accessories	FDA Status
Aerolase							
LightPod Neo XL	Nd:YAG	1064 nm	Up to 1020 J	0.65 ms	\$44,500	Portable (20 lbs.), powerful and pain free. No costly disposables or service calls required.	Contact mfr.
Alma Lasers							
Harmony	AFT Pulsed Light	420 – 950 nm	5 – 20 J/cm ²	30, 40, 50 ms	\$44,900	Acne module, depot service, 40 x 16 mm spot.	Cleared
	Nd:YAG	1320 nm	Up to 40 J/cm ²	30, 40, 50 ms	\$15,000	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.	Cleared
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. Painless skin tightening mode.	Cleared
Cosmetic R & D, Inc.							
DermaSweep	Multi-level skin resurfacing system	N/A	N/A	N/A	Contact mfr.	Simultaneous salicylic acid topical delivery.	Cleared
Cynosure, Inc.							
Cynergy	Pulsed Dye / Nd:YAG	595 nm / 1064 nm	7 – 40 J/cm ² / 10 – 600 J/cm ²	0.5 – 40 ms / 0.3 – 300 ms	Contact mfr.	Spot sizes: 12 mm, 15 mm. SmartCool air cooling.	
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 for ease of use.	
DUSA							
BLU-U	Blue Light Photodynamic Therapy Illuminator Model 4170	417 nm	N/A	Continuous	\$9,950	Three year warranty, patient eyewear.	Cleared
Focus Medical							
NaturaLight	Pulsed Light	450 – 1200 nm	35 J/cm ²	460 ms	\$49,900	Contact mfr.	Contact mfr.
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.	
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 video touch screen with sound. 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. Unique 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.	

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MedSurge Advances							
Quantel Medical Aramis	Erbium Glass Laser	1540 nm	Up to 126 J/cm ²	3.5 ms	Contact MedSurge Advances	Cooling handpiece.	Cleared
Novalis							
Clareon AR	Pulsed Light	420 – 1200 nm	Up to 15 J	30, 50, 70 ms	\$44,900	Four 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	\$34,900	Three handpieces. Patented Krypton technology for spectral output. Large spot size. Up to 1 Hz repetition rate.	Cleared
Palomar							
StarLux Platform LuxG handpiece	Pulsed Light	400 – 700 nm, 870 – 1200 nm	Up to 25 J	0.5 – 500	\$85,900	Active contact cooling. Smooth pulse delivery.	Cleared
Pharos Life Corporation							
Tända Skincare System	LED	414 nm	3.16 J/cm ²	N/A	\$295.00 with Tända Regenerate	Handheld control unit, charging cradle, power supply, carrying case, goggles, user manual.	
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							
Eterna Giovinezza	Intense Pulsed Light	400 - 1200	Up to 25 J/cm ²	3 - 240 ms	Contact mfr.	Standard unit, one handpiece. Fixed probes spot size: 48 x 13 mm ² or 25 x 13 mm ² . Interchangeable probes available.	Cleared
Eterna Giovinezza Plus	Intense Pulsed Light	400 - 1200	Up to 25 J/cm ²	3 - 240 ms	Contact mfr.	Up to two handpieces. Fixed probes spot size: 48 x 13 mm ² or 25 x 13 mm ² . Interchangeable probes available.	Cleared
Eterna Giovinezza Compact	Intense Pulsed Light	400 - 1200	Up to 25 J/cm ²	3 - 240 ms	Contact mfr.	Tabletop unit. One handpiece. Fixed probes spot size: 48 x 13 mm ² or 25 x 13 mm ² . Interchangeable probes available.	Cleared
Quantel Medical							
ARAMIS	Erbium Glass Laser	1540 nm	Up to 126 J/cm ²	3.5 ms	Contact MedSurge Advances	Cooling handpiece.	Cleared
Radiancy							
Mistral	LHE (Light and Heat Energy)	400 – 1200 nm	4 – 15 J/cm ² LHE combined	Up to 80 ms	Contact mfr.	Assorted handpieces, onboard patient database.	Cleared
SkinStation	LHE	400 – 1200 nm	Up to 65 J LHE combined	35 ms	\$32,990	Assorted light unit assemblies (LUAs), three year warranty.	Cleared
SPR	LHE	400 – 1200 nm	Up to 65 J LHE combined	35 ms	\$24,990	Assorted light unit assemblies (LUAs), one year warranty.	
SpaTouch Pro	LHE	400 – 1200 nm	Up to 65 J LHE total	35 ms	\$24,990	Assorted light unit assemblies (LUAs).	
ClearTouch Lite (CTL)	LHE	430 – 1100 nm	6 J/cm ² in one working cycle.	1 ms	Contact supplier	Light unit assemblies (LUAs).	
Sciton							
Profile-MP	Modular Platform	Various	Up to 400 J	0.1 – 200 ms, 1 – 10 sec	Starting at \$54,500	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
ThermaScan	Nd:YAG module	1319 nm	Up to 80 J	10 – 200 ms	\$23,000	Computerized scanner; 30 x 30 mm Tx; integrated cooling.	Cleared
BBL	Pulsed Light module	410 – 1400 nm	Up to 30 J	Up to 200 ms, 1 – 10 sec	\$30,000	15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling.	Cleared
Profile Strata	Er:YAG / Nd:YAG / Pulsed Light	410 – 2940 nm	Up to 400 J	Up to 200 ms, 1 – 10 sec	\$148,000	IPL with 15 x 45 mm, 15 x 15 mm spot sizes, smart filters, integrated cooling; computerized scanner, 30 x 30 mm Tx, integrated cooling.	Cleared
Profile HMV	Dual Nd:YAG / Pulsed Light	1064 / 410 – 1400 nm	Up to 400 J	0.1 – 200 ms / 1 – 10 sec	\$139,000	Dual Nd:YAG, intense pulsed light laser, computerized scanner, 30 x 30 mm Tx, integrated cooling, IPL with 15 x 45 mm spot size, smart filters, integrated cooling.	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 included. 12 x 25 mm treatment area. Three year warranty. No disposable costs.	Contact mfr.

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