

ACNE TX DEVICE COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Accessories
Aesthera					
Isólaz	Photopneumatic	400 - 1200 nm, 550 - 1200 nm	Up to 60 J/cm ²	Up to 25 ms	Multi-application (SR, HR, Vascular).
Alma Lasers					
Harmony ^{XL}	AFT Pulsed Light Nd:YAG	420 – 950 nm 1320 nm	5 – 20 J/cm ² Up to 40 J/cm ²	30, 40, 50 ms 30, 40, 50 ms	Acne module, depot service, 40 x 16 mm spot. Acne scar module, depot service.
Asclepion Laser					
MeDioStar XT	Diode	808 nm	Up to 170 J/cm ²	Up to 500 ms	10 and 12 mm spot sizes (standard); 4, 6 and 14 mm tips available; integrated skin cooling.
Candela					
Smoothbeam	Diode	1450 nm	Up to 25 J/cm ²	210 ms	Spot sizes 4 - 6 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
Vbeam Perfecta	Pulsed Dye	595 nm	Up to 40 J/cm ²	0.45 – 40 ms	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.
Vbeam Platinum	Pulsed Dye	595 nm	Up to 40 J/cm ²	0.45 – 40 ms	Multiple spot sizes and unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
Vbeam Aesthetica	Pulsed Dye	595 nm	Up to 20 J/cm ²	0.45 – 40 ms	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	10 mm spot size; pulsed cryogen available with pre-, mid- and post-cooling. Treats acne, acne scars and wrinkles. Painless skin tightening mode.
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	Spot sizes: 1.5 mm, 12 mm, 15 mm. SmartCool air cooling.
DEKA					
Synchro HP	Nd:YAG / U-PL / Er:YAG / QS-Nd:YAG	1064 nm / 500 - 950 nm / 2940 nm / 1064 nm	Up to 700 J/cm ² / Up to 32 J/cm ² / Up to 15 J/cm ² / Up to 41 J/cm ²	0.1 - 300 ms / 3 - 40 ms / Up to 600 µs / Up to 2 ms	Long pulse Nd:YAG spot sizes up to 20 mm, peak power 50-27,000 W (dual switch). Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter for U-PL handpieces. Skin cooling integrated. Er:YAG handpiece, QS-Nd:YAG handpiece.
Synchro	Nd:YAG / U-PL	1064 nm / 500 - 950 nm	Up to 200 J/cm ² / Up to 21 J/cm ²	4 - 135 ms / 10 - 325 ms	Long pulse Nd:YAG spot sizes up to 10 mm. Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter for U-PL.
Photosilk Plus	U-PL / Nd:YAG / Er:YAG / QS-Nd:YAG	500 - 950 nm / 1064 nm / 2940 nm / 1064 nm	Up to 32 J/cm ² / Up to 225 J/cm ² / Up to 15 J/cm ² / Up to 41 J/cm ²	3 - 25 ms / Up to 25 ms / Up to 1000 µs / Up to 2 ms	Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter for U-PL handpieces. Skin cooling integrated. Nd:YAG handpiece, Er:YAG handpiece, QS-Nd:YAG handpiece.
Photolight	U-PL / Nd:YAG / Er:YAG	500 - 950 nm / 1064 nm / 2940 nm	Up to 30 J/cm ² / Up to 200 J/cm ² / Up to 6.4 J/cm ²	3 - 25 ms / Up to 2 ms / Up to 1000 µs	Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter (U-PL). Nd:YAG handpiece, Er:YAG handpiece.
Minisilk FT	Pulsed Light System	500 – 1200 nm, 520 – 1200 nm, 550 – 1200 nm, 600 – 1200 nm, 650 – 1200 nm	Up to 25 J/cm ²	Single pulse: 3 – 8 ms, Burst mode: up to 124 ms	One pulsed light handpiece has 30,000 warranted shots. Skin cooling integrated. Built-in power meter. Portable.
DOT 1540	Er:Glass Nd:YAP CW IR Lamp Pulsed Light	1540 nm 1340 nm 750-1800 nm 500-1200 nm	Up to 32 J/cm ² Up to 37 J/cm ² Up to 65 J/cm ² Up to 25 J/cm ²	10 ms Up to 10 ms CW 3 – 8 ms	Skin rejuvenation, skin tightening and hair removal workstations. Fractional Er:Glass handpiece with 7 mm and 10 mm spot sizes. Skin cooling integrated. Fractional Nd:YAP handpiece with 6 mm spot size. CW IR handpiece for skin tightening and collagen shrinkage. Skin cooling integrated. Pulsed light handpiece with five different removable filters for hair removal too. Skin cooling integrated.
DermaMed					
Quadra Q4 Platinum Series	Intense Pulsed Light	500 - 1200 nm	Up to 20 J	10 - 110 ms	Patented low voltage Xenon flash-lamp for minimal to no discomfort. One multi-pulsing handpiece for multiple applications. 16 pre-programmable settings.
Ellipse A/S					
Ellipse Flex PPT	Pulsed Light	530 - 750 nm	Up to 19 J	Up to 100 ms	Multi-application platform. Includes programmable pulse technology (PPT) and patient database.
Ellipse I ² PL	Pulsed Light	530 - 750 nm	Up to 19 J	Up to 100 ms	Multi-application platform.
Energist					
VariMed	Variable Pulsed Light	415 nm, 630 nm - 950 nm	Up to 25 J/cm ²	Up to 385 ms	Unique Multi Bandpass Dichroic Filter, pre-programmed VPL settings. 10 mm x 50 mm Tx area, water-cooled applicators.
UltraPlus	Variable Pulsed Light	415 nm, 630 nm - 950 nm	Up to 25 J/cm ²	Up to 385 ms	Unique Multi Bandpass Dichroic Filter, pre-programmed VPL settings, 10 mm x 50 mm Tx area, water-cooled applicators.
ReGen	LED	415 nm, 630 nm	N/A	N/A	One of the highest intensity LEDs on the market, large Tx area, fully adjustable intensity levels, flexible height adjustment.

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	Accessories
Fotona					
Dualis ^{SP}	Nd:YAG	1064 nm	Up to 400 J/cm ² , 20 J	5 - 200 ms	Handpiece with spot sizes from 2 - 8 mm. Scanner with 35 x 60 mm Tx area.
	Er:YAG	2940 nm	Up to 3 J	0.1 - 1.5 ms	Handpiece with spot sizes from 0.5 - 12 mm. Variable square pulse (VSP) technology.
Dualis ^{XS}	Er:YAG	2940 nm	Up to 3 J	0.1 - 1.5 ms	Handpiece with spot sizes from 0.5 - 12 mm. Variable square pulse (VSP) technology.
Fidelis ^{XS}	Er:YAG	2940 nm	Up to 1 J	0.1 - 1.5 ms	Handpiece with spot sizes from 0.5 - 7 mm. Variable square pulse (VSP) technology.
IRIDEX					
Gemini	Nd:YAG / KTP	1064 / 532	up to 990 / up to 100	10 - 100 / 1 - 100	Includes 1-5 mm continuously adjustable and 10 mm fixed VersaStat i.
VariLite	Diode-pumped KTP/direct diode	532 / 940 nm	950 / 900	5 - 100 ms	
Aura i	KTP	532 nm	1 - 240	1 - 50 mcs	
LASERING					
SLIM MiXto SX	Fractional CO ₂	10,600 nm	0.5 - 30 W	N/A	Patent pending MiXto SX fractional scanner system. Full range of accessories available.
Lynton Lasers					
Lumina	Intense Pulsed Light	550 - 1100 nm, 625 - 1100 nm	50 J/cm ²	10 - 350 ms	Four ILG light guides, two IPL handpieces, patient goggles, three pairs of operator goggles (IPL and laser), integral printer, digital camera, patient database, 1 year warranty.
Palomar					
LuxV handpiece	Pulsed Light	400 - 700 nm, 870 - 1200 nm	Up to 26 J/cm ²	0.5 - 500 ms	Active contact cooling. Smooth pulse delivery.
Photo Therapeutics Ltd.					
Omnilux blue	LED	415 nm	Up to 55 J/cm ²	CW	Interchangeable treatment heads.
Omnilux revive	LED	633 nm	Up to 150 J/cm ²	CW	
Quanta System					
Eterna Giovinezza Plus	Pulsed Light	400 - 1200, 625 - 1200	Up to 20 J/cm ² , Up to 40 J/cm ²	3 - 240 ms	IPL handpieces available at 400 - 1200, 550 - 950, 570 - 1200, 590 - 1200, 625 - 1200 and 650 - 1200 nm. Spot sizes 48 x 13 or 25 x 13 mm. TWAIN IPL pulsed light option available for all Quanta System lasers.
Silk Light (table top)	Pulsed Light	400 - 1200	Up to 20 J/cm ²	3 - 240 ms	
TWAIN IPL option	Pulsed Light	400 - 1200	Up to 20 J/cm ²	3 - 240 ms	
Matisse (Various models)	Fractional Er:Glass	1540	Up to 250 J/cm ² per MTZ	4 - 14 ms	
Quantel Medical					
ARAMIS	Erbium Glass Laser	1540 nm	Up to 126 J/cm ²	3.5 ms	Cooling system.
Radiancy					
Mistral	LHE (light, heat, energy)	430 - 1100 nm	4 - 15 J/cm ²	up to 80 ms	Assorted light unit assemblies (LUAs).
SkinStation	LHE	430 - 1100 nm	up to 9 J/cm ²	35 ms	Assorted light unit assemblies (LUAs).
ClearTouch Lite (CTL)	LHE	430 - 1100 nm	6 J/cm ² in one working cycle (4 sec)	1 ms	Light unit assemblies (LUAs), one year warranty.
Sciton					
Profile-MP	Modular platform	Various	Up to 400 J	0.1 - 200 ms	Configurable: up to five laser modules. Scanner; 30 x 30 mm Tx; integrated cooling.
Profile-ThermaScan	Nd:YAG	1319 nm	Up to 80 J	10 - 200 ms	
Profile-S ThermaScan	Nd:YAG	1319 nm	Up to 80 J	10 - 200 ms	
SharpLight					
Beamax	Pulsed Light CPM	415 - 950 nm	5 - 20 J/cm ²	30 - 50 ms	System includes one MAXacne handpiece.
Formax	DPC Forming (Dynamic Pulse Control)	415 - 950 nm (DPC)	5 - 24 J/cm ²	15, 30, 40, 50, 100 ms (DPC)	System includes one trolley, one MAXacne handpiece, thermal cooling with DPC forming.
Syneron					
eMax / eLight AC	elōs: Optical energy combined with RF electrical energy.	400 - 980 nm	Up to 18 J/cm ² (optical) Up to 25 J/cm ³ (RF)	Optical + RF, short/long	Applicator head included. 12 x 25 treatment area. No disposable costs.

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