

SKIN REJUVENATION COMPARISON CHART

Supplier Product Name	Device Type	Wavelength (nm)	Energy Output (Joules)	Pulse Length	Accessories
Alma Lasers					
Harmony ^{XL}	AFT Pulsed Light Near-Infrared Nd:YAG Pixel	515 - 950 nm, 540 - 950 nm, 570 - 950 nm, NIR 1064 nm, 1320 nm 2940 nm	5 - 25 J/cm ² Up to 7 J/cm ² 30 - 450 J/cm ² , 5 - 40 J/cm ² Up to 2500 mJ/p	10, 12, 15 ms 10, 30, 90 sec 15, 45, 60 ms, 30, 40, 50 ms Short, medium, long	SVL module, 40 x 16 mm spot, contact cooling. VL/PL module, 40 x 16 mm spot, contact cooling. SR module, 40 x 16 mm spot, contact cooling. ST module, 40 x 16 mm spot. 1064 module. 1320 module. High-power Pixel 2940 module.
Asclepion Laser					
MeDioStar	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.
TattooStar Y – Carbon Laser Peel DermaBlate Effect MicroSpot Fractional	Nd:YAG Er:YAG	532, 1064 2940 nm	1.5 J (free running) 1.5 J	8 ns About 300 µm	 MicroSpot handpiece with microlens technology.
Candela					
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.
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.
GentleLASE (Various models) Smoothbeam	Alexandrite Diode	755 nm 1450 nm	Up to 100 J/cm ² Up to 25 J/cm ²	3 ms 210 ms	Spot sizes 6-18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy. Spot sizes 4 - 6 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
GentleYAG (Various models) GentleMax Configurable Workstation	Nd:YAG Alexandrite / Nd:YAG	1064 nm 755 nm / 1064 nm	Up to 600 J/cm ² Up to 600 J/cm ²	0.25 - 300 ms 0.25 - 300 ms	Spot sizes 1.5 - 18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy. Spot sizes 1.5 - 18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy.
SmoothPeel QuadraLASE	Erbium:YAG CO ₂ Fractional Laser	2940 nm 10,600 nm	Max energy 750 mJ N/A	2, 4, 6 Hz Traditional mode: 0.1 - 0.8 ms in increments of 0.1 ms Fractional mode: 2.5 ms - 16 ms	Spot sizes 1.5 - 18 mm; unique, patented Dynamic Cooling Device, maximizing patient comfort and Tx efficacy, air cooling available. Upgradable. Spot sizes 5 and 9 mm.
Cutera					
Xeo	Long Pulse Nd:YAG / Intelligent Pulsed Light / Infrared / 2790 YSGG	1064 nm / 560 - 1200 nm, 600 - 850 nm / 1100 - 1800 nm / 2790 nm	Up to 300 J / 5 - 20 J, 6 - 40 J / 5 - 65 J / 3.5 J	0.1 - 300 ms / Automatic (pulsed light) / 4 - 11 sec / Variable	Sustained deep dermal heating. Treats all skin types. Large 10 x 30 mm sapphire window for faster treatments. 2790 targets fine lines, photodamage, one to two treatments, no disposables.
Solera Opus	Intelligent Pulsed Light	560 - 1200 nm, 600 - 850 nm	5 - 20 J, 6 - 40 J	Automatic (pulsed light)	Real time calibration. Large spot size for fast treatments. No numbing cream or gel required.
Cynosure					
Performa	Fractional CO ₂	10,600	30 W	150 µs - 20,000 µs	Selectable functions, multiple spot sizes and shapes, variable spot density, surgical modality.
Affirm with Multiplex	Multi-wavelength fractional anti-aging workstation	1440 nm, 1320 nm, 560 - 590 nm	Up to 14 J/cm ²	3 ms (fixed)	Xenon pulsed light system (optional). Er:YAG handpiece (optional).
DEKA					
SmartXide DOT	CO ₂ Laser and scanner system	10,600 nm	30 W	From 0.2 ms to 20 ms	Scanner offers standard or DOT scanning mode.
Synchro Pla:y	Alexandrite / LP and SP Nd:YAG / Pulsed Light	755 nm, 1064 nm, 500-1200 nm, 520-1200 nm, 550-1200 nm, 600-1200 nm, 650-1200 nm	Up to 60 J/cm ² , up to 500 J/cm ² , up to 25 J/cm ²	2-100 ms / 3-300 ms, 0.3-0.8ms / 3-8 ms, burst mode up to 124 ms	Skin cooling integrated. Alexandrite spot size handpieces: 5, 7, 10, 12, 14 and 16 mm; Nd:YAG spot size handpieces 2.5, 5, 7, 10, 14 and 16 mm; pulsed light area of Tx 48 x 13 mm.
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, skin cooling integrated.
Minisilk FT	Pulsed Light	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.
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	0.2 - 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 (U-PL).
Smartepil LS Photosilk Plus	Long Pulse Nd:YAG U-PL / Nd:YAG / Er:YAG / QS-Nd:YAG	1064 nm 500 - 950 nm / 1064 nm / 2940 nm / 1064 nm	Up to 225 J/cm ² Up to 32 J/cm ² / Up to 225 J/cm ² / Up to 15 J/cm ² / Up to 41 J/cm ²	Up to 20 ms 3 - 25 ms / Up to 25 ms / Up to 1,000 µs / Up to 2 ms	Spot size up to 6 mm. Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter for U-PL handpieces. Skin cooling integrated. Nd:YAG, Er:YAG and QS-Nd:YAG handpieces.

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DEKA (continued)					
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 1,000 μs	Nine U-shape pulsed light handpieces. 60,000 warranted shots. Built-in power meter (U-PL). Nd:YAG and Er:YAG handpieces. Portable. Up to 6 mm spot sizes.
Duolite QS	Q-switched Nd:YAG	1064, 532 nm	900 mJ, 450 mJ	6 ns	
Edge Systems					
HydraFacial MD Tower	Skin-solution resurfacing and LED	600 nm - 1000 nm, 420 nm	7.4 J per Tx area	CW	Marketing package, trade-out, free disposables, financing available. Crystal-free microderm., facial lymphatic drainage, cellulite massage and cartridge handpiece with GlySal acid peels, TNS growth factors and DermaBuilder Peptide Complex available.
Ellipse A/S					
Ellipse MultiFlex	Pulsed Light	530 - 750 nm, 555 - 950 nm	Up to 19 J/cm ²	Up to 100 ms	Multi-technology IPL and laser platform includes programmable pulse technology (PPT) and patient database. Two different handpieces available for skin rejuvenation. Incisional handpiece and additional solid core optical fiber included. Multi-application platform. Two different handpieces available for skin rejuvenation.
Ellipse Juvia	Fractional CO ₂	10,600 nm	Up to 53 J/cm ²	2-7 sec	
Ellipse I ² PL	Pulsed Light	530 - 750 nm, 555 - 950 nm	Up to 19 J	Up to 100 ms	
Energist					
VariMed	Variable Pulsed Light	530 nm - 950 nm	Up to 51 J/cm ²	Up to 385 ms	Unique VPL pulse technology, 10 mm x 50 mm Tx area, water-cooled applicators to withstand continuous usage. Broad range of pre-programmed VPL settings for ease of use, 10 mm x 50 mm Tx area, water-cooled applicators. High intensity LED system, large Tx area, fully adjustable intensity levels, flexible height adjustment. Single applicator for all treatments, lightweight, portable and economical.
UltraPlus	Variable Pulsed Light	530 nm - 950 nm	Up to 51 J/cm ²	Up to 385 ms	
ReGen	LED	415 nm, 630 nm	N/A	N/A	
iPulse	Pulsed Light	530 - 1200 nm	up to 20 J/cm ²	10 - 110 ms	
Fotona d.d.					
SP Dynamis	Nd:YAG (Pulse and QCW) / Er:YAG	1064 nm / 2940 nm	up to 600 J/cm ² (Pulse), up to 30 W (QCW) / up to 305 J/cm ²	0.1 - 50 ms (pulse), 0.1 - 2.0 ms (QCW) / 0.1 - 1.5 ms, 150 - 250 ms (Smooth Er:YAG)	Er:YAG: 250 μb and 144 mm ² Tx area F-Runner non-ablative and ablative fractional scanner. 4 mm spot size and 16 cm ² Tx area S-Runner non-ablative / ablative scanner. Handpieces with spot sizes from 0.5 - 12 mm and Pixel Screen Technology handpieces. Nd:YAG: spot sizes from 2 - 12 mm; S-11 scanner with 42 cm ² Tx area. Variable Square Pulse (VSP) and Energy Feedback Control (EFC) technology supported. Nd:YAG: spot sizes from 2 - 8 mm. S-11 scanner with 42 cm ² Tx area. Er:YAG: handpieces with spot sizes from 0.5 - 12 mm and Pixel Screen Technology handpieces; VSP and EFC supported. 250 μb and 144 mm ² Tx area F-Runner non-ablative and ablative fractional scanner. 4 mm spot size, 16 cm ² Tx area S-Runner non-ablative / ablative scanner. Spot sizes from 0.5 - 12 mm and Pixel Screen handpieces. VSP and EFC supported. Spot sizes from 0.5 - 7 mm and Pixel Screen handpieces for fractional Tx; VSP and EFC supported. Spot sizes from 2 - 20 mm; S-11 scanner with 42 cm ² Tx area, 3, 6 and 9 mm scanner spot sizes; VSP and EFC supported. Handpiece with spot sizes from 2 - 10 mm; S-11 scanner with 42 cm ² Tx area; VSP and EFC supported. Spot sizes from 2 - 8 mm; scanner with 35 x 60 mm Tx area; VSP and EFC supported. Four wavelengths to remove complete spectrum of tattoo pigments. Spot sizes: 2 - 8 mm (Accelera, QS Nd:YAG and QS KTP) and 2 - 4 mm (QS Red and QS Yellow); OPTOflex articulated arm and vacuum cell, EFC supported. Surgical kits. Bare silica fibers with 200, 300 and 600 μm core sizes. Spot sizes from 2 - 8 mm, VSP and EFC supported. Spot sizes from 2 - 8 mm, VSP and EFC supported.
SP Dualis	Nd:YAG / Er:YAG	1064 nm / 2940 nm	Up to 400 J/cm ² / up to 3,000 mJ	5 - 200 ms / 0.1 - 1.5 ms	
XS Dynamis	Er:YAG	2940 nm	Up to 305 J/cm ²	0.1 - 1.5 ms, 150 - 250 ms (Smooth)	
XS Fidelis	Er:YAG	2940 nm	Up to 1,000 mJ	0.1 - 1.5 ms	
XP MAX	Nd:YAG	1064 nm	Up to 600 J/cm ²	0.1 - 300 ms	
XP Plus	Nd:YAG	1064 nm	Up to 600 J/cm ²	5 - 200 ms	
XP Dualis	Nd:YAG	1064 nm	Up to 400 J/cm ²	5 - 200 ms	
Fotona QX MAX	QS Nd:YAG / QS KTP / QS Red / QS Yellow / Accelera	1064 nm, 532 nm, 585 nm, 650 nm	1,600 mJ/pulse / 600 mJ/pulse / 220 mJ/pulse / 340 mJ / pulse / 5 J	5 - 20 ns (single pulse QS); 250 μs (Accelera)	
XP-2 Focus	Nd:YAG (QCW and Long Pulse)	1064 nm	30 W (QCW) / up to 300 J/cm ² (Long Pulse)	0.1 - 2 ms (QCW) / 0.1 - 50 ms (Long Pulse)	
XP Focus	Nd:YAG	1064 nm	Up to 300 J/cm ²	0.1 - 50 ms	
General Project					
3Face	Multiple Modalities	590 - 800 nm, 350 - 510 nm, 520 - 800 nm	Up to 30 J	Pre-set from 0 - 4 sec	Multiple system for face care (microdermabrasion, vacuum assisted massage, phototherapy with HBLM™ technology). Spot sizes: 50 x 25 mm, 35 x 15 mm, 20 x 10 mm.
GP Flash 1	Pulsed Light	590 - 1200 nm	Up to 500 J at lamp level	Pre-set modes: 1.5, 2, 2.5 ms	
Flash 1 Plus	Pulsed Light	590 - 1200 nm, 640 - 1200 nm	Up to 600 J at lamp level	Single pulse 25-75 ms, pulsed mode: 1.5-12.5 ms (duration), 5-100 ms (interval)	Spot sizes: 50 x 25 mm, 35 x 15 mm, 20 x 10 mm. Same as above with integrated skin cooling system.
Med Flash II	Pulsed Light	590 - 1200 nm, 640 - 1200 nm	Up to 600 J at lamp level	Same as above.	
HOYA ConBio Europe					
RevLite	EO Q-switched PTP Nd:YAG	1064 nm	Up to 12 J/cm ² PTP	5 - 20 ns	Optional aiming beam. No need for skin cooling. Works on all skin types. Same as above.
MedLite C6	EO Q-switched Nd:YAG	1064 nm	Up to 12 J/cm ²	5 - 20 ns	
INTERmedic					
ContrÂge	Diode Laser/ Radiofrequency/ Ultrasound	980 nm	Up to 1000 J/cm ²	5 ms - 500 ms	Handpiece for dermatological and vascular surgery.

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LASERING					
SLIM E30 MiXto SX	CO ₂	10,600 nm	0.5 – 30 W	N/A	Patent pending MiXto SX fractional scanner system. Full range of traditional accessories available. MiXto VX fractional scanner. Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.5 mm. Focusing handpieces with spot sizes of 0.3 mm, 0.5 mm, 1.5 mm.
Velure S5 MiXto VX	Diode	532 nm	0.1 – 5 W	10-1000 ms	
Velure S5	Diode	532 nm	0.1 – 5 W	10-1000 ms	
LINLINE GmbH					
MULTILINE	Alexandrite / Ruby / Er:YAG	755 nm / 694 nm / 2936 nm	0.3 – 250 J/cm ² / 3 – 62 J/cm ² / 0.5 – 250 J/cm ²	40 ns – 2 ms (special pulse train) / 40 ns – 2 ms (special pulse train) / 0.1 – 0.5 ms	Expandable, upgradable, multi-application and multi-technology platform. Pre-programmable settings, no disposables. Alexandrite: rep. rate: 1-6 Hz, spot size 1, 3, 6 mm; Ruby: rep. rate 1-5 Hz, spot size 1, 3, 6 mm; pinpoint coagulation for pigmented lesions; optional black, blue and green tattoo removal. Er:YAG: rep. rate: 1-15 Hz, spot size 1, 3, 6 mm; optional fractional module.
Lumenis					
IPL Quantum SR	Intense Pulsed Light	560 - 1200 nm	15 - 45 J/cm ²	6 - 26 ms	Upgradable to hair removal (HR), deep vascular lesions and leg veins (DL) and tattoo removal (QS). Spot size 34 x 8 mm, optional 590 nm and 640 nm heads for skin rejuvenation.
Lumenis One	Intense Pulsed Light / Nd:YAG / LightSheer Diode / Aluma RF	515 - 1200 nm / 1064 nm / 800 nm / RF	10 - 40 J/cm ² / 10 - 225 J/cm ² / 10 - 100 J/cm ² / 2 - 20 W	3 - 100 ms / 2 - 20 ms / 5 - 400 ms / 1 - 5 sec	Multi-technology, multi-application platform. Upgradable, expandable. 7 IPL filters, novel (OPT) optimized pulsing technology, optimized presets and patient database, spot sizes: 15 x 35 mm and 8 x 15 mm (IPL), 2 x 4, 6, 9 mm (Nd:YAG). LightSheer 9 x 9 mm.
Elora	IPL	570 - 1200 nm	Up to 22 J/cm ²	N/A	Spot size of 20 x 30 mm crystal, 33 Hz.
Lutronic Corporation					
MOSAIC Spectra VRM II	Erbium Fiber Q-switched Nd:YAG	N/A 1064 nm, 532 nm, 585 nm, 650 nm	N/A 1 J	4 - 40 mJ 5-7 ns / 300 µs	Multiple treatment tips. Chaos Scanning Technology (CST). Zoom handpiece, collimated handpiece, 585 nm and 650 nm laser handpiece (optional). Top hat beam. Quasi-long pulse mode.
Spectra QT	Q-switched Nd:YAG	1064 nm, 532 nm	12 J/cm ²	5-7 ns / 300 µs	Zoom handpiece, collimated handpiece. Top hat beam. Quasi-long pulse mode.
Spectra SP	Carbon Dioxide	10,600 nm	Up to 30 W	40 µs - 1000 µs	50 and 100 mm handpieces, small beam size up to 80 micron, char-free (up to 40 ms).
Mattioli Engineering					
Mattioli Pulse Two	IPL	560 – 1200 nm	30 J/cm ²	10 – 35 ms	Spot size 40 mm x 10 mm (4 cm ²); works on all skin types, easy interface; SR handpiece included. Lamp water cooling and low temp. Integrated contact cooling (Peltier). Multiple language display and 1 second shot feature.
Q Fractional	Fractional IPL	560 – 960 nm	30 J/cm ²	15 – 35 ms	Fractional filter 3 mm spots; all skin types; SR handpiece, lamp water cooling and low integrated contact cooling (Peltier). 1 sec. shot speed; fast collagen regeneration.
MedArt A/S					
MedArt 470	5 W Solid State Diode Pumped Laser	532 nm	Max. 1000 J/cm ²	Pulse width 10-1000 ms	Unique scanning technology for fast and uniform treatments with up to 10 x 10 mm Tx area. Optional skin cooling for improved patient comfort.
MedArt FRx	15 W CO ₂	10,600 nm		10-1000 ms	Fractional scanner system with 10 x 10 mm Tx area. Adjustable energy density settings. Laser energy delivered through unique solid core fiber system.
Palomar					
StarLux 500 Platform	2940 Laser	2940 nm	N/A	N/A	
Lux2940 Fractional	1540 Laser	1540 nm	Up to 70 mJ per microbeam	1 – 500	
Lux1540 Fractional Laser handpiece	Infrared Light	850 – 1350 nm	Up to 175 J	2.5 – 10 sec	
LuxDeepIR Fractional Infrared handpiece	Pulsed Light	500 – 670 nm, 870 – 1400 nm	Up to 70 J/cm ²	1 – 500	
LuxG handpiece					
Photo Therapeutics Ltd.					
Omnilux revive	LED	633 nm	Up to 150 J/cm ²	CW	Interchangeable treatment heads.
Omnilux plus	LED	830 nm	Up to 80 J/cm ²	CW	Interchangeable treatment heads.
Pollogen Ltd.					
Regen	TriPollar RF	N/A – frequency 1 MHz	N/A – output power 30 W	CW	Two applicators.
Apollo	TriPollar RF	N/A – frequency 1 MHz	N/A – output power 50 W	CW	Three applicators.
Quanta System					
Matisse (Various models)	Fractional Er:Glass	1540	Up to 250 J/cm ² per MTZ	4-14 ms	Contact skin cooling or cryo air system integrated with handpiece. Alexandrite 755 nm spot sizes: up to 16 mm; rep. rate up to 2 Hz. Nd:YAG 1064 nm long and short pulse spot sizes: up to 12 mm; rep. rate up to 2 and 7 Hz. Nd:YAG 1320 nm (optional) spot sizes: up to 8 mm; rep. rate up to 5 Hz. Nd:YAG 532 and 1064 Q-switched spot sizes: 2, 3, 4, 5 mm; rep. rate up to 10 Hz. TWAIN 2940 Er:YAG ablative fractional resurfacing available for all systems, spot size 10 mm. TWAIN IPL pulsed light option available for all systems at 400-1200, 550-950, 570-1200, 590-1200, 625-1200 and 650-1200 nm.
Light B	Nd:YAG	1064, 1320	Up to 500 J/cm ² , up to 35 J/cm ²	0.3-300 ms, 5-10 ms	
Light C	Nd:YAG / KTP Nd:YAG	1064, 1320 / 532	Up to 500 J/cm ² , up to 35 J/cm ² / up to 90 J/cm ²	0.3-300 ms, 5-10 ms / 5-25 ms	
Light A* (Star)	Alexandrite / Nd:YAG	755 / 1064, 1320	Up to 120 J/cm ² / up to 500 J/cm ² , up to 35 J/cm ²	3-100 ms / 0.3-300 ms, 5-10 ms	
Light 4V	Alexandrite / Nd:YAG / KTP Nd:YAG	755 / 1064, 1320 / 532	Up to 120 J/cm ² , up to 500 J/cm ² , up to 35 J/cm ² / up to 90 J/cm ²	3-100 ms / 0.3-300 ms, 5-10 ms / 5-25 ms	

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Quanta System (continued)					
Q-Plus* Star 1	Nd:YAG / Nd:YAG QS / KTP Nd:YAG QS	1064, 1320 / 1064 / 532	Up to 500 J/cm ² , up to 35 J/cm ² / up to 22.5 J/cm ² / up to 11.5 J/cm ²	0.3-300 ms, 5-10 ms / 6 ns / 6 ns	See above.
TWAIN 2940 option TWAIN IPL option Eterna Giovinezza	Er:YAG Pulsed Light Pulsed Light	2940 570-1200 570-1200, 625-1200	Up to 100 J/cm ² Up to 40 J/cm ² Up to 40 J/cm ²	0.3-1 ms 3-240 ms 3-240 ms	See above. IPL handpieces available at 400-1200, 550-950, 570-1200, 590-1200, 625-1200 and 650-1200 nm. Spot sizes 48x13 or 25x13 mm. Speed at 0.5 Hz at max power.
Silk Light (table top) Q-Plus C	Pulsed Light QS Nd:YAG + QS Ruby	570-1200 532, 1064, 694	Up to 40 J/cm ² Up to 11.5 J/cm ² , up to 22.5 J/cm ² , up to 25 J/cm ²	3-240 ms 6 ns, 30 ns	Repetition rate up to 10 Hz. Unique OptiBeam technology for effective flat-top squared beam profile of 2x2, 3x3, 4x4, 5x5 mm, improves comfort and safety. See above.
Q-Plus A	QS Nd:YAG	532, 1064	Up to 11.5 J/cm ² , up to 22.5 J/cm ²	6 ns	See above.
Q-Plus B	QS Nd:YAG	532, 1064	Up to 37.5 J/cm ² , up to 15 J/cm ²	6 ns	See above.
Q-Plus R	Ruby QS	694	Up to 25 J/cm ²	30 ns	See above.
Quantel Derma GmbH					
ARAMIS BURANE	Er:Glass Er:YAG	1540 nm 2940 nm	Up to 126 J/cm ² Up to 2 J (XL up to 2.5 J)	3.3 ms 350 µs (XL 350 µs up to 260 ms)	Integrated skin cooling. Optional fractional handpieces FX4 and FX12.
LEDA SCR 585 yellow MYDON	LED Nd:YAG	585 nm 1064 nm	Up to 35 mW/cm ² Up to 600 J/cm ²	Pulsed and CW 0.5 - 90 ms	Treatment screen for platform system LEDA. Spot sizes: 1.5, 3, 5 mm, integrated skin cooling, optional handpiece for hair removal, optional fiber for endoluminal laser therapy.
IDAS	LBO	532 nm	8 W	2 - 1000 ms, pulsed and CW	Spot sizes: 0.2, 0.5, 0.7, 1 and 2; optional accessories for ENT surgery and endoluminal treatments.
SINON	QS Ruby	694 nm	Up to 14 J/cm ²	20 ms	Spot sizes: 3, 4, 5 and 6; optional 3 mm Soft Spot for darker skin types.
Sciton					
JOULE	Nd:YAG / Er:YAG / BroadBand Light	Various	Up to 400 J/cm ²	0.1 - 200 ms, 1 - 10 sec.	Configurable up to nine modules.
ClearScan Contour TRL	Nd:YAG module Tunable Resurfacing Laser	1064 nm 2940 µm	Up to 400 J/cm ² 45 W	3 - 200 ms 0.1 - 50 ms	Computerized scanner; 30 x 30 mm Tx; integrated cooling. Computerized scanner, smart user interface, MicroLaserPeel, Tunable Resurfacing Laser.
ThermaScan BBL	Nd:YAG module BroadBand Light module	1319 nm 420 - 1400 nm	Up to 30 J/cm ² Up to 30 J/cm ²	10 - 200 ms Up to 200 ms	Computerized scanner; 30 x 30 mm Tx; integrated cooling. SkinTyte, 420, 515, 560, 590, 640, 695 filters. 15 x 45 mm, 15 x 15 mm spot sizes, integrated cooling.
BBLs	BroadBand Light	420 - 1400 nm	Up to 30 J/cm ²	Up to 500 ms	Table top system. SkinTyte, 420, 515, 560, 590, 640, 695 filters, 15 x 45 mm and 15 x 15 mm spot sizes, integrated cooling. Expandable module.
ProFractional-XC	Tunable Resurfacing Laser	2940 µm	Up to 400 J/cm ²	Variable for desired ablation and coagulation	
ProFractional	Er:YAG	2940 µm	Up to 400 J/cm ²	Variable for desired effect	Expandable module/density 1.5% to 30%.
SharpLight					
Beamax Formax	Pulsed Light Dynamic Pulse Control (DPC)	580 - 950 nm 580 - 950 nm (DPC)	5 - 20 J/cm ² 5 - 22 J/cm ²	10 - 15 ms 10, 12, 15, 20, 25 ms	BeamSR580 HP. Skin cooling with DPC forming.
Formax100	DPC	580 - 950 nm (DPC)	Up to 30 J/cm ²	10, 12, 15, 20, 25 ms	Multi-application platform; skin cooling with DPC forming. Spot sizes: 6.4 cm ² , 1.5 cm ² .
Syneron					
eMax / eLight SR	eIōs: Optical energy combined with RF electrical energy	580 - 980 nm	Up to 45 J/cm ² (Optical), Up to 25 J/cm ³ (RF)	Optical + RF, short/long	Applicator head included. 12 x 25 mm treatment area. No disposable costs.
eMax / eLight SRA	eIōs: Optical energy combined with RF electrical energy	470 - 980 nm	Up to 45 J/cm ² (Optical), Up to 25 J/cm ³ (RF)	Optical + RF, short/long	Same as above.
eMax / eLaser WRA	eIōs: Diode combined with RF electrical energy	900 nm	Up to 50 J/cm ² (Optical), Up to 100 J/cm ³ (RF)	Optical + RF	Applicator head included. 8 x 12 mm treatment area. No disposable costs.
eMax / eLaser Matrix IR	eIōs: Diode and Bi-Polar RF	915 nm	Up to 70 J/cm ² Diode fluence, Up to 100 J/cm ³ RF fluence	Optical + RF	5 x 9 mm treatment. No disposable costs.
ThermaMedic					
ThermaLipo II	Bi-Polar RF powered by Automatic Multi- frequency and Low Impedance (AMFLI) Technology	0.9 MHz to 3.4 MHz	60 W	Variable according to protocol	Re-usable bi-polar handpiece.
ThermaClinic	Bi-polar RF, AMFLI technology	From 0.9 to 5.4 MHz (automatic)	60 W	Variable	Re-usable handpiece, digital thermometer.
Ulthera, Inc.					
Ulthera System	Micro-focused Ultrasound with visualization	N/A	N/A	N/A	Contact manufacturer.

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