

	Bluecore / Picore	Candela/ Picoway	Cynosure / Picosure	Alma/PicoClear	Lumenis / PiQo4	Quanta/Discovery	Cutera / Enlighten
Wavelength (nm)	1064,532	1064,532	755	1064,532	1064,532	1064,532,694	1064,532,670
Pulse duration	450ps	450ps	750ps	350ps	600ps	450ps,6ns	750ps, 2ns
Output Energy	800mJ	400mJ	200mJ	450mJ	650mJ	800mJ	800mJ
MLA	3~5mm 6~8mm LIOB / Skin lifting	NA	LIOB/lesion slightly under the epidermis	Five depths level / LIOB / minimal downtime / lesion slightly under the epidermis	120 micro-spots in 12mm area /LIOB/ minimal downtime	LIOB/cold ablation/ round and square spot size (handpiece change)	LIOB/ minimal downtime
DOE	7x7 dots TopHat beam/ Pigmentation	No energy lost / LIOB / uniform treatment/ 6x6mm	NA	two size options: 3x3 mm and 5x5mm	NA	NA	NA

	Lutronic/PicoPlus	Wontech/Picocare	LaserOptek/Picolo	Hironic/PicoHi	GTG/PicoHolic
Wavelength (nm)	1064,532	1064,532	1064,532	1064,532	1064,532
Pulse duration	450ps	450ps	450ps	300ps	300ps
Output Energy	800mJ	600mJ	500mJ	500mJ	500mJ
MLA	4~10mm 3 level depths/dial type (1: deep)	3~5mm 6~10mm Energy focused in the center	NA	4~12mm 13mm (4 level depth control/dial type)	16mm Microbeam energy: up to 1.37mJ
DOE	Only 1064/ 7.4x7.4mm / flat beam/ good when working on the nose area	NA	3 tips: short, middle, long handpiece guide	7x7 dots Even energy	NA