


## Comparison of hand held Cold lasers

	SL500Infra	SL150	Avant LZ 30P	B-Cure	PowerLaser 500 base	TQ Solo
Wavelength (nm)	808 nm	660 nm	637 +808 nm	808 nm	808 nm	905 + 875 +660
Operation mode	Contionous	Contionous	Continous, pulse	Pulse – duty cycle 25%	HyperPulsed Duty cycle 50%	HyperPulsed
Maximum power (mW)	500	150	80mW @ 637nm, 600mW @ 808nm	250	200-1000	15000+ 60+7,5
Average power (mW)	500	150	680	62,5	100-500	Approx 260
Energy (J/min)	30	9	40,8	3,75	6-30	4
Dose (J/cm <sup>2</sup> )	6,12	1,48	16,07	0,83		1
Penetration depth (cm)	6-8	3-4	6-8	4-6	6-10	10-13
Treatment area (cm <sup>2</sup> )	4,9	6,1	2,54	4,5		4
Certificates	CE	CE	FDA		FDA, CE	FDA
Laser class (safety)	1	2	3.b	1	3.b	1M
Treatment time (s to reach 4J/cm <sup>2</sup> )	39	162	15	289		240
Eye protection	✓	✓	Glasses	✓	Glasses	Glasses
Home use	✓	✓	✗	✓	✗	✓
Clinical use	✓	✓	✓	✓	✓	✓
Vetenerian use	✓	✓	✓	✓	✗	✓
Ear treatment	✓	✓	✗	✗	✗	✗
Dental treatment	✓	✓	✗	✓	✓	✗
Cosmetic treatment	✓	✓	✗	✓	✗	✗
Blood	✓	✓	✗	✗	✗	✗
Eye	✗	✓*	✗	✗	✗	✗
Price	1515 EUR**	719 EUR**	3995 USD***	700 USD***	3360 EUR**	2995 USD***
Price of 1 J/min energy	50,5 EUR	80 EUR	97,9 USD	187 USD	112 EUR	750 USD

\*Prototype \*\*EU price with VAT\*\*\* US price with GST