




LLLT Dental Laser Comparison Table (Klas)

Manufacturer	Konftec			MedX	CMS Dental
Original Manufacturing Country	Taiwan			Canada	Denmark
Reference Picture					
Model No. (Click for Web Page)	Klas-D50	Klas-D61	Klas-D81	Oralase	DioBeam 830
Laser Specifications					
Laser Wavelength	660 nm	660 nm	808 nm	808 nm	830 nm
Laser Diode Temp. Rating	60°C	60°C	50°C	No Data	No Data
Laser Power	w/o Fiber Rod	50 mW	100 mW	110 mW	200 mW
	w/ Fiber Rod	40 mW	80 mW	90 mW	NA
Laser Class	Class IIIa	Class IIIb		Class IIIb	Class IIIb
Fiber Rod Diameter	8 mm			8 mm	No Data
Laser Spot Size	0.5 cm ² (50 mm ²)			10 mm ² 1	No Data
Laser Beam	Dispersion			No Data	Collimation 2
Laser Frequency	Continuous			Continuous	Continuous
Other Specifications					
Laser Controller Key Switch	No			No	Yes
Treatment Process Indication	No	LED		LED	LED
Power Supply	3 x AAA Batteries			DC 3.6V Battery	DC 3.6V~4.1V Battery
Power Supply Working Time	9 Hours	5 Hours	4 Hours	No Data	100 Min.
Material of Handheld Part	Stainless Steel			Plastic	Plastic
Water Proof of Handheld Part	IP54 (NEMA 4)			No	No
Disinfection of Handheld Part	Easy and Full			?	?
Marketing					
CE Certificate	Yes			NA	Yes
FDA 510k	NA			Yes	NA
Warranty	1 Year			1 Year	1 Year
Money Back Guarantee	90 Days			NA	NA
Retail Price (USD)	\$519	\$679	\$679	> \$6,000	\$5,495 (€ 3,995 EUR)
Remarks:	1 From manufacturer's specifications; questionable 2 Risky for patient's eyes				