




## LLLT Dental Laser Comparison Table (HB-150D)

Manufacturer	Konftec			MedX	CMS Dental
Model No.	<a href="#">HB-150D611</a>	<a href="#">HB-150D821</a>	<a href="#">HB-150D841</a>	<a href="#">Oralase</a>	<a href="#">DioBeam 830</a>
Reference Picture					
<b>Laser Specifications</b>					
Laser Class	Class IIIb			Class IIIb	Class IIIb
Laser Diode Temp. Rating	RED: 60°C	IR: 50°C	IR: 50°C	No Data	No Data
Laser Wavelength	660 nm	808 nm	808 nm	808 nm	830 nm
Laser Power	w/o Fiber Rod	150 mW	250 mW	450 mW	200 mW
	w/ Fiber Rod	120 mW	200 mW	360 mW	NA
Fiber Rod Diameter	8 mm			8 mm	No Data
Laser Spot Size	0.5 cm <sup>2</sup> (50 mm <sup>2</sup> )			10 mm <sup>2</sup> <span style="color: red;">1</span>	No Data
Laser Beam	Dispersion			No Data	Collimation <span style="color: red;">2</span>
Laser Frequency	Continuous			Continuous	Continuous
<b>Other Specifications</b>					
Laser Controller Key Switch	Yes			No	Yes
Treatment Process Indication	LCD (80x50 mm) dynamic display with blue backlit			LED	LED
Laser Fault Alarm	self-diagnostic check and error detection,			No	No
Power Supply	90 ~ 264 AC			DC 3.6V Battery	DC 3.6V~4.1V Battery
Power Supply Working Time	Unlimited			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			<span style="color: green;">?</span>	<span style="color: green;">?</span>
<b>Marketing</b>					
CE Certificate	Yes			NA	Yes
FDA 510k	NA			Yes	NA
Warranty	2 Year			1 Year	1 Year
Money Back Guarantee	90 Days			NA	NA
Retail Price (USD)	\$1,260	\$1,260	\$1,560	> \$6,000	\$5,495 (€ 3,995 EUR)
Remarks:	<span style="color: red;">1</span> From manufacturer's specifications; questionable <span style="color: red;">2</span> Risky for patient's eyes				