

LIST OF HANDPIECE EFFICIENCIES

If you want to use some kind of torque limitation it is crucial that you enter the correct efficiency for the combination of your contra angle and its head. In the table below you will find the efficiency percentages for a selection of handpieces. The efficiencies of the handpieces marked as "official" have been provided by the manufacturer. The rest of the handpieces have been measured by XO Care. Please note that the contra angles were all new so it is likely they differ from an old and used contra angle. Also note the efficiencies measured is only meant as a guideline.

Manufacturer	Model	Gearing	Efficiency	Official
W&H	WS-75 E/KM	20:01	70% +/- 3%	Yes
W&H	WI-75 E/KM	20:01	70% +/- 3%	Yes
W&H	975 AE	20:01	35% +/- 5%	Yes
W&H	WA-86 A	10:01	80% +/- 3%	Yes
W&H	WA-56 A	1:01	92 - 93%	Yes
W&H	WA-66 A	2:01	90%	Yes
W&H	WA-99 A	1:05	85%	Yes
Sirona	6043702, Implant 20:1	20:01	74%	
Sirona	T1 LINE C 6 L	6:01	67%	
Sirona	T1 LINE C 200 L	1:05	84%	
KaVo	C09, 9:1 & C2, 3:1	27:01:00	72%	
KaVo	7LP, 2.7:1 & 67LH 2:1	5.4:1	59%	
KaVo	GENTLEpower LUX	1:05	89%	
MicroMega	CA ALTO SURGE 20:1	20:01	74%	
MicroMega	CA 20 IMBK	24:01:00	41%	
NSK	Ti-Max Ti95L	1:05	90%	
NSK	Ti-Max Ti5L	4:01	66%	
NSK	Ti-Max Ti25L	1:01	81%	

If your handpiece is not shown in the list then you can try contacting the manufacturer of the handpiece. They should be able to supply you with the efficiency value.

