



## SERIES 8 - CO<sub>2</sub> Laser Tubes

600 days  
warranty

- Unique shape structure design with 5 layers.
- Different with the traditional design modes, the output power will be not affected due to the higher water temperature even if it's up to 50~60°.
- High stability.
- Cutting and machining speed notably.
- Long life time.
- High cost-performance.

160W-230W

Type	Full Length(mm)	Rated Power (W)	Max. Power (W)	Outer Diameter(mm)	Catalyst	Testing Current(mA)	Instability(%)
1800Q8	1850+30	160	190	110/80/60	Yes	30	≦ ±5
2000A8	2050+30	180	210	110/80/60	Yes	30	≦ ±5
2200V8	2250+30	200	230	110/80/60	Yes	30	≦ ±5

300 days  
warranty

## SERIES 7 - CO<sub>2</sub> Laser Tubes

- Unique shape structure design.
- Tubes' body with outer diameter 80/100mm at the middle, and 60/80mm at two end sides, special shape and the design makes the tube stronger and not easy to be broken.
- High stability.
- Cutting and machining speed notably.
- Long life time.
- High cost-performance.

90W-200W

Type	Full Length(mm)	Rated Power (W)	Max. Power (W)	Outer Diameter(mm)	Catalyst	Testing Current(mA)	Instability(%)
1250T7	1250+20	90	110	80/60	Yes	30	≦ ±5
1400T7	1450+20	110	125	80/60	Yes	30	≦ ±5
1600S7	1600+20	120	135	80/60	Yes	30	≦ ±5
1600F7	1680+20	130	155	80/60	Yes	30	≦ ±5
1700H7	1750+30	145	165	80/60	Yes	30	≦ ±5
1800U7	1850+30	150	180	80/60	Yes	30	≦ ±5
2000K7	2050+30	170	200	80/60	Yes	30	≦ ±5

## Series 8 Laser Tubes



Full Tube



industry High Power tubes

160W-320W

Type	Full Length(mm)	Rated Power (W)	Max. Power (W)	Outer Diameter(mm)	Catalyst	Testing Current(mA)	Instability(%)
Q8K	2000+30	160	190	H140*W130	Yes/No	30	≦ ±5
A8K	2200+30	180	210	H140*W130	Yes	30	≦ ±5
V8K	2400+30	200	230	H140*W130	Yes	30	≦ ±5
ZDK	2000+30	280	320	H140*W130	Yes	30*2	≦ ±5

360 days  
warranty

Industry High Power tubes



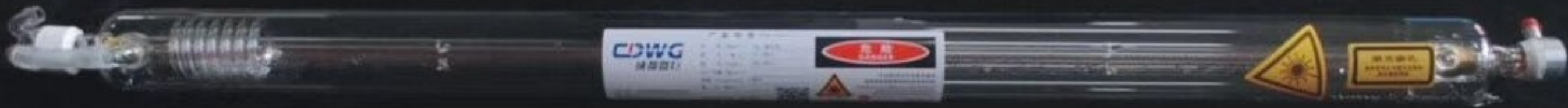
Universal common  
- Co. Laser Tubes

35W-125W

Type	Full Length(mm)	Rated Power (W)	Max. Power (W)	Outer Diameter(mm)	Catalyst	Testing Current(mA)	Instability(%)
830	830+20	35	45	54	Yes/No	20	≦ ±5
1000	1000+20	45	60	54	Yes	20	≦ ±5
1250R6	1250+20	60	75	60	Yes	20	≦ ±5
1400P6	1400+20	80	95	60	Yes	30	≦ ±5
1600R6	1600+20	90	105	60	Yes	30	≦ ±5
1600P6	1600+20	100	115	60	Yes	30	≦ ±5
1600S6	1600+20	110	125	60	Yes	30	≦ ±5

180 days  
warranty

Universal Common





# Medical smaller - Co<sub>2</sub> Laser Tubes

20W-50W

Type	Full Length(mm)	Rated Power (W)	Max. Power (W)	Outer Diameter(mm)	Catalyst	Testing Current(mA)	Instability(%)
630	630+20	20	35	54	Yes/No	20	≦ ±5
700	700+20	26	40	54	Yes	20	≦ ±5
750	750+20	28	40	54	Yes	20	≦ ±5
800	800+20	30	40	54	Yes	20	≦ ±5
830	830+20	32	45	54	Yes/No	20	≦ ±5
950	950+20	40	50	54	Yes/No	20	≦ ±5

## Product Description:

- We can tailor special specifications products according to customers' requirements.
- All products diameter tolerance is plus or minus 2mm.
- Long life to use current should be controlled below 26mA, maximum working current is not more than 30mA.
- We reserve the rights to modify the catalogue without notice previously, please inquiry us directly for updated information.

360 days  
warranty



## certificates



CE



ISO9001

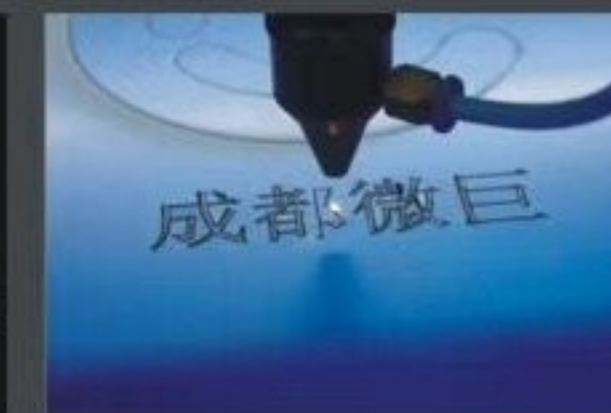


RoHS



Over 40 patents in lasers

## Application field



**Industrial processing:** Laser quenching, laser engraving, laser welding, laser engraving, laser heat treatment, Wooden blade etc

**Research:** Optical and component, laser measurement, experiment and teaching demonstration, Light storage

**Medical:** Cosmetic surgery, dermatology, gynecology, ear nose, etc. Surgery and other

**Communication:** Optical communication, underwater special communication and detection