

BENEFITS OF PARTNERING WITH MILLENNIUM LASERS

Expertise:	over 20 years of manufacturing sealed CO2 laser tubes over 30 years of laser systems expertise over 20 years vacuum processing know-how over 16 years catalytic technology expertise over 35 years ionisation and gas plasma physics expertise
Manufacturing:	lasers designed, developed and manufactured in Wales, U.K.
Development:	ensuring the products are reliable, efficient and cost effective
Range:	offering an ever increasing power range of CO2 lasers
Sealed Tube:	means the absolute minimum of servicing and running costs
Warranty:	only company to offer 5-years integrated free regassing
Beam Quality:	a typical M ² of ~1.1 resulting in higher process rates than low cost laser tubes
The Price:	the most competitive price to quality and user life available
Laser Lifetime:	catalytic technology ensures extremely long operational life
The Design:	gas leak problems eliminated meaning shelf lives well in excess of 5 years can be achieved
Pointing Stability:	absolutely essential for flying optic systems where high accuracy is required
True CW Operation:	continuous adjustment of laser power for optimum process control and quality of finished product. No need to pulse the laser to reduce or control power. Consequently, simple to use.
High Power Pulses:	provides true superpulse capability for special applications with pulse-power enhancements between 3 and 7 times CW levels
The Size:	all of the range are of the shortest possible length
Mounting Options:	all of the range may be mounted horizontally or vertically
High Efficiency:	means that cooling requirements are as low as possible
Polarisation:	the beam polarisation is such that the cutting and marking quality and efficiency is independent of the cutting path
Assistance:	Millennium Laser Systems offers free applications support