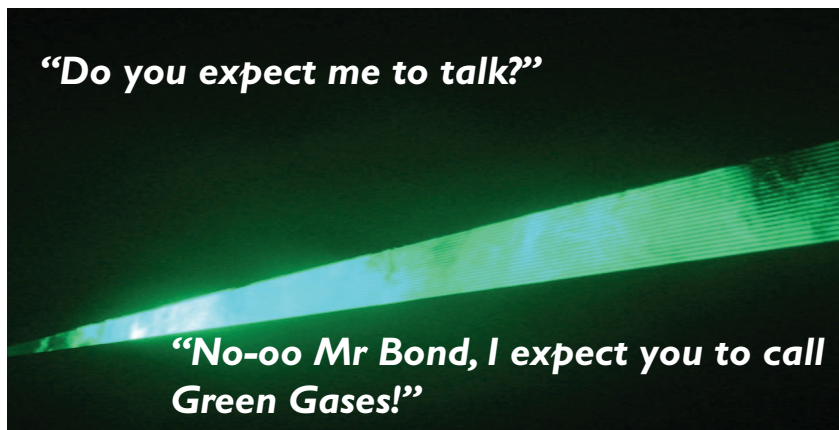


Announcing a new supplier of environmentally excellent gases for the Laser market..



Green Gases Ltd is a provider of compressed Laser gases for scientific and industrial applications. All our green laser gases carry very high environmental credentials.

Our Green Laser packaged gases are supplied to all laser types including industrial Carbon Dioxide , Marking and Excimer Lasers. Whether your laser uses cylinders of pure gases or a single cylinder pre-mixture for resonator charging or “pumping”, we have the product for you.

Green Gases Ltd is a provider of compressed “Laser gases” for scientific and industrial applications and as you would expect like the all the range of products that Green Gases Ltd supply to there customers they carry very high environmental credentials.

Our “Green Laser packaged” gases can are supplied all laser types be it industrial Carbon Dioxide , Marking and Excimer Lasers, whether your laser type uses cylinders of Pure gases or a single cylinder pre-mixture for resonator charging or “pumping”.

Pure Gases for Carbon Dioxide Laser Resonators						
Gas Type	Chemical Symbol	Grade	Cylinders	Banks 16 (Cylinders)	Mini-Bulk (200-1000Lt)	Bulk
Carbon Dioxide	CO ₂	4.5	Yes	Yes	Yes	Yes
Nitrogen	N ₂	4.8-5.0	Yes	Yes	Yes	Yes
Helium	He	4.6-5.0	Yes	Yes		
Pure Gases for Excimer Laser Resonators						
Gas Type	Chemical Symbol	Grade	Below 10 Lt cylinder	10 Lt Cylinder	50 Lt Cylinder	Banks 16 (cylinders)
Helium	He	4.6 - 5.0	Yes	Yes	Yes	Yes
Neon	Ne	3.5 - 4.5	Yes	Yes		
Argon	Ar	4.8 - 5.0	Yes	Yes	Yes	Yes
Xenon	Xe	4.0 - 4.8	Yes	Yes		
Krypton	Kr	4.0 - 4.8	Yes	Yes		

Green Gases Ltd understand the importance of the correct laser gas for you Laser with guaranteed quality, so all Green Gases Ltd product can be certified upon request.

Gas supply systems are a major but some times over looked area of gas supply. There is no point buying quality gases only to have the purity of the gas compromised because of a fine leak on the supply line or inferior materials within the gas control equipment. Problems seen time after time by Green Gases Ltd Engineers.

The Solution is to book a technical audit with Green Gases Ltd where one of our engineering staff will produce a simple proposal. Either this may require a change in procedures or purchase of the correct type of equipment from Green Gases Ltd or from their list of high-recommended, environmentally sound subcontractors.

Below is a simple table from which to select your pre-mixture Laser resonator gases

Name	CO ₂ %	N ₂ %	He %	H ₂ %	CO %	O ₂ %	F ₂ %	HCL %
*CO₂ Pre-Mixture Laser Gases								
Lasmix 1		90				10		
Lasmix 2	3.4	15.6	81					
Lasmix 3	4.5	13.5	82					
Lasmix 4	5	55	40					
Lasmix 5	6	20	74					
Lasmix 6	6.3	17.9	75.75	0.05				
Lasmix 7	7	18	75					
Lasmix 8	7	28	65					
Lasmix 9	12	12	76					
Lasmix 10	2	8	82					
Lasmix 11	7.5	15	74.25	0.25	3			
Lasmix 12	8	8	79.6	0.4	4			
Lasmix 13	8	8	82		2			
Lasmix 14	8	16	72		4			
Lasmix 15	8	16	74		2			
Lasmix 16	16	16	63					
Excimer Lasers Gases Mixtures								
Lasmix X1			95				5	
Lasmix X2			95					5
Lasmix X3			94	1				5

All cylinders supplied with either BS or DIN valve outlets to suit resonator regulators.

*Other laser mixtures are available on request

Green Gases Ltd can also supply working assist gases:

Green Gases for Cutting, Welding or Heat Treatment with Lasers						
Gas Type	Chemical Symbol	Grade	Cylinders	Banks 16 (cylinders)	Mini Bulk (200-1000Lt)	Bulk
Argon	Ar	4.8	Yes	Yes	Yes	Yes
Nitrogen	N ₂	4.8 - 5.0	Yes	Yes	Yes	Yes
Oxygen	O ₂	2.6	Yes	Yes	Yes	Yes
Helium/Argon Mixture	He/Ar	—	Yes	Yes	—	—
High Performance Cutting						
Green Oxygen	O ₂	Up to 5.5	Yes	Yes		

If you want to go green without seeing red, contact one of our special agents..



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Visit our website:

www.green-gases.com

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GREEN SOLUTIONS FOR A BLUE PLANET