

Excimer Laser Gas Mixtures

Krypton Neon and Argon Xenon Neon

Praxair Electronics has combined its leading-edge precision mixture manufacturing technology with its captive rare gas production to offer a secure and cost-competitive supply of excimer laser gas mixtures.

Praxair's excimer laser products have passed OEM certification. and are available to support advanced photolithography applications. Laser mix products are also available for laser annealing and other emerging processes.

Key Benefits:

- OEM qualified
- Secure raw material supply
- Regional mixture production
- High precision analytical



44 - 50 liters
CGA or DISS
Per customer specifications
Per customer specifications

KRYPTON NEON KrNe (248 mm)		Spec
Major	Kr (%)	1.25 <u>+</u> 0.05
Components	Ne	Balance
Impurities (ppm)	H ₂ O	< 0.5
	O ₂	< 0.5
	N_2	<1.0
	CH ₄	< 0.5
	CO	< 0.5
	CO ₂	< 0.5
	CF ₁	< 0.5
	He	<8.0
	Xe	<1.0

ARGON XENON NEON ArXeNe (193 nm)		Spec
Major	Ar (%)	3.5 <u>+</u> 0.1
Components	Xe (ppm)	10+2
Impurities (ppm)	Ne	Balance
	H ₂ O	<0.5
	O ₂	<0.5
	N_2	<1.0
	CH ₄	<0.5
	CO	<0.5
	CO ₂	<0.5
	CF ₁	<0.5
	He	<8.0

About Praxair

Praxair is dedicated to helping electronics manufacturers lower costs, improve productivity, enhance technology and reduce environmental impact by serving as a single, integrated source for a variety of process gases, materials and related equipment and services.

© Copyright 2014, Praxair Technology, Inc. All rights reserved.

Praxair and the Flowing Airstream design are trademarks or registered trademarks of Praxair Technology, Inc. in the United States and other countries.

Printed in the United States of America P-10400-1

North America Phone 1 800 446 8765 Fax 1 800 447 5040 E-mail info@praxair.com

Europe **Process Gases** +32 14 250 611 +32 14 581 505

+886 3 554 3538 +886 3 554 539

www.praxair.com/electronics