



PRECISION GAS FOR EXCIMER LASERS

VISION-CORRECTION APPLICATIONS

Model-specific excimer laser gas mixtures,
prepared for the requirements of compatible
ophthalmic laser systems.

ISO 9001:2015 CERTIFIED

5-YEAR CERTIFIED SHELF LIFE

LATIN AMERICA SALES & SUPPORT

IM Importaciones Medicas S.A.

Product configuration is laser-model specific. See ordering information inside.





Engineered around your laser platform

Vision-correction excimer systems do not all use one universal gas recipe. Nova Gas prepares the appropriate mixture according to the laser manufacturer, model and specified cylinder configuration.

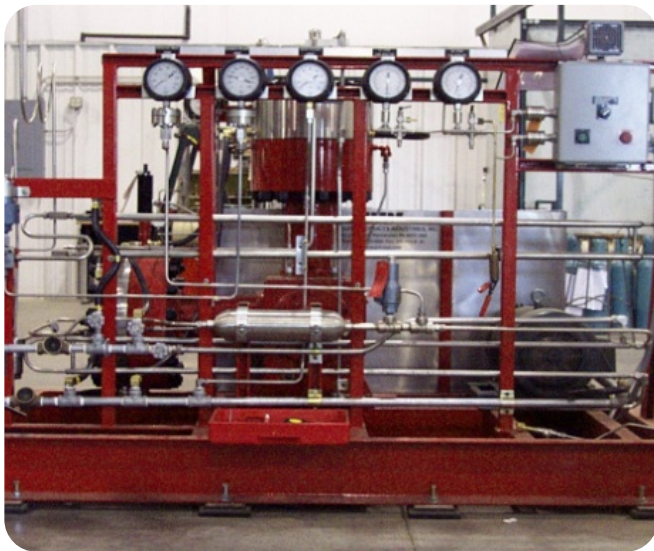
193 nm ArF mixtures

Ar + F₂

with helium and neon buffer gases

Compatibility starts with identification

- Laser manufacturer and exact model
- Required mixture or approved reference
- Cylinder, valve and connection requirements
- Destination country and delivery location



Manufacturer capability image: individual gas addition / filling equipment.

Why formulation control matters

- Each excimer wavelength depends on a defined rare-gas and halogen combination.
- The vision-correction recipe is specific to the equipment manufacturer and model.
- The released product is identified by its cylinder label and certificate of analysis.
- Substitutions should never be made without confirming compatibility with the laser manufacturer.

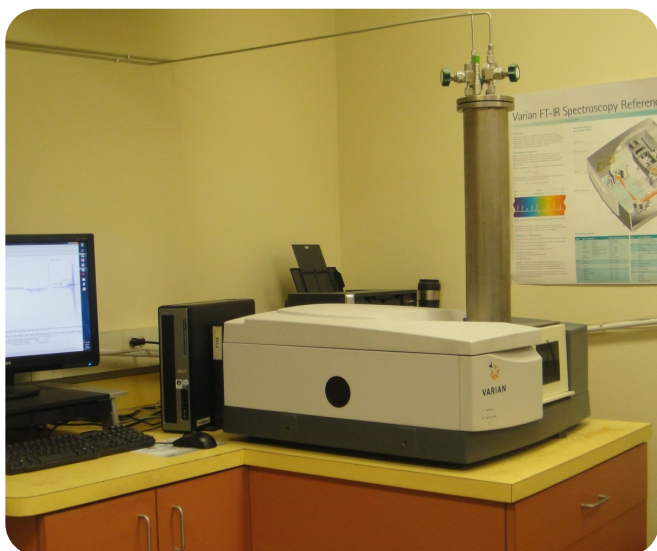


Built on controlled specialty-gas practice

60+ YEARS

SPECIALTY & RARE GAS EXPERIENCE

Founded in 1964. Nova Gas began offering gas mixtures for excimer lasers in 1978.



Manufacturer laboratory image: FTIR impurity-analysis capability.

Documented quality controls

- Cylinder preparation before filling
- Individual component addition by weight
- One-cylinder batch approach described in manufacturer capability materials
- Individual analysis before shipment
- FTIR and gas-chromatography laboratory capability

ISO 9001:2015

Certificate No. 35944
Effective: 26 May 2025
Expires: 26 May 2028

Scope includes specialty gases and gas-handling/purification equipment.



5-YEAR SHELF LIFE

Nova Gas certifies its gases and gas mixtures for five years from the date of certification.

Per manufacturer Quality Director letter dated 8 October 2025.



A clear path from inquiry to supply

Provide these details with your inquiry

- Laser manufacturer and exact model
- Current cylinder label, part number or mixture specification
- Cylinder size, valve/connection and quantity required
- Destination country and requested delivery timing



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Compressed-gas safety

Excimer laser mixtures may contain hazardous compressed gases, including halogen components. Cylinders must be transported, stored, connected and used only by trained personnel with the specified regulator and compatible gas-handling equipment. Secure cylinders upright, protect valves, provide appropriate ventilation and follow the product label, certificate of analysis, safety data sheet and laser manufacturer instructions.

Availability, import requirements and permitted use are subject to the destination country. Product supplied to the confirmed order specification.