



Gas Supply, Welding,  
Cutting, and PPE Solutions:  
**Your Most Reliable Option  
in Mexico**

**AIR**  
**PRODUCTS** 

**GRUPO**  
**INFRA**® 



# About Our Company

**Grupo INFRA®** stands as a prominent Mexican organization that has played a pivotal role in the domestic industry since 1919. **With over a century of experience**, our group has firmly established itself as a central hub for business activities. An elite enterprise with more than 30 companies, we collectively employ over 5,000 dedicated professionals.

In 1980, we entered into a Joint Venture with **Air Products and Chemicals**, one of the world's largest industrial gas manufacturers, operating in over 50 countries with a workforce of 21,000 across five continents. This alliance has significantly bolstered our capabilities and expanded our reach, enabling us to offer our customers access to a broader range of innovative products and solutions.

Today, **Grupo INFRA®** is actively engaged in the production, sales, and distribution of an extensive array of industrial gases, including high-purity, specialty and medical gases. Additionally, we provide cryogenic storage tanks, welding and cutting machines, personal protective equipment (PPE), and a diverse range of welding products.

# Main Products and Services



On-Site Cryogenic Gas Systems: Installation and Operation



Welding and Cutting Equipment



Bulk / Cryogenic Gases



Filler Metals



Industrial and Specialty Gases



Personal Protective Equipment (PPE)



Medical Gases and Healthcare Solutions



Cryogenic Storage Tanks and Transportation



Founded in 1940, **Air Products and Chemicals Inc.** ranks among the top three global industrial gas manufacturers, with operations spanning 50+ countries and five continents, and a workforce exceeding 21,000.

Since 1980, **Grupo INFRA®** and **Air Products** have engaged in a joint venture characterized by the mutual exchange of production technology, plant designs, gas applications, and technological research and development.





# Bulk gases

Oxygen



Nitrogen



Argon



Carbon Dioxide



Hydrogen



Helium





I. Cryogenic Plants:

- "Merchant" (General Market)
- "Piggy-Back" (Pipeline Supply)
- "On-Site" (At Customer's Facilities)

II. Molecular Adsorption Systems:

- Vacuum Swing Adsorption (VSA) for Oxygen Production
- Pressure Swing Adsorption (PSA) for Nitrogen Production
- High-Purity Nitrogen Membrane Systems

III. Oxygen and Nitrogen Pipeline Distribution Network:

- Nitrogen Injection Services
- On-Site Equipment



AIR PRODUCTS



# Industrial Grade Cylinder Gases

- Oxygen
- Nitrogen
- Argon
- Carbon Dioxide (CO<sub>2</sub>)
- Helium
- Acetylene
- Compressed Air
- Hydrogen
- Nitrous Oxide
- Dry Ice (Solid CO<sub>2</sub>)



# Specialty Gases (High Purity)

- Ultra-High Purity Gases
- Multi-Component Mixtures
- Calibration Gases
- High-Purity Liquid Helium





# Medical Gases

- Hospital and Healthcare Gases
- Home Care Oxygen Services
- Obstructive Sleep Apnea Diagnosis and Treatment
- Hyperbaric Chambers and Cryopreservation

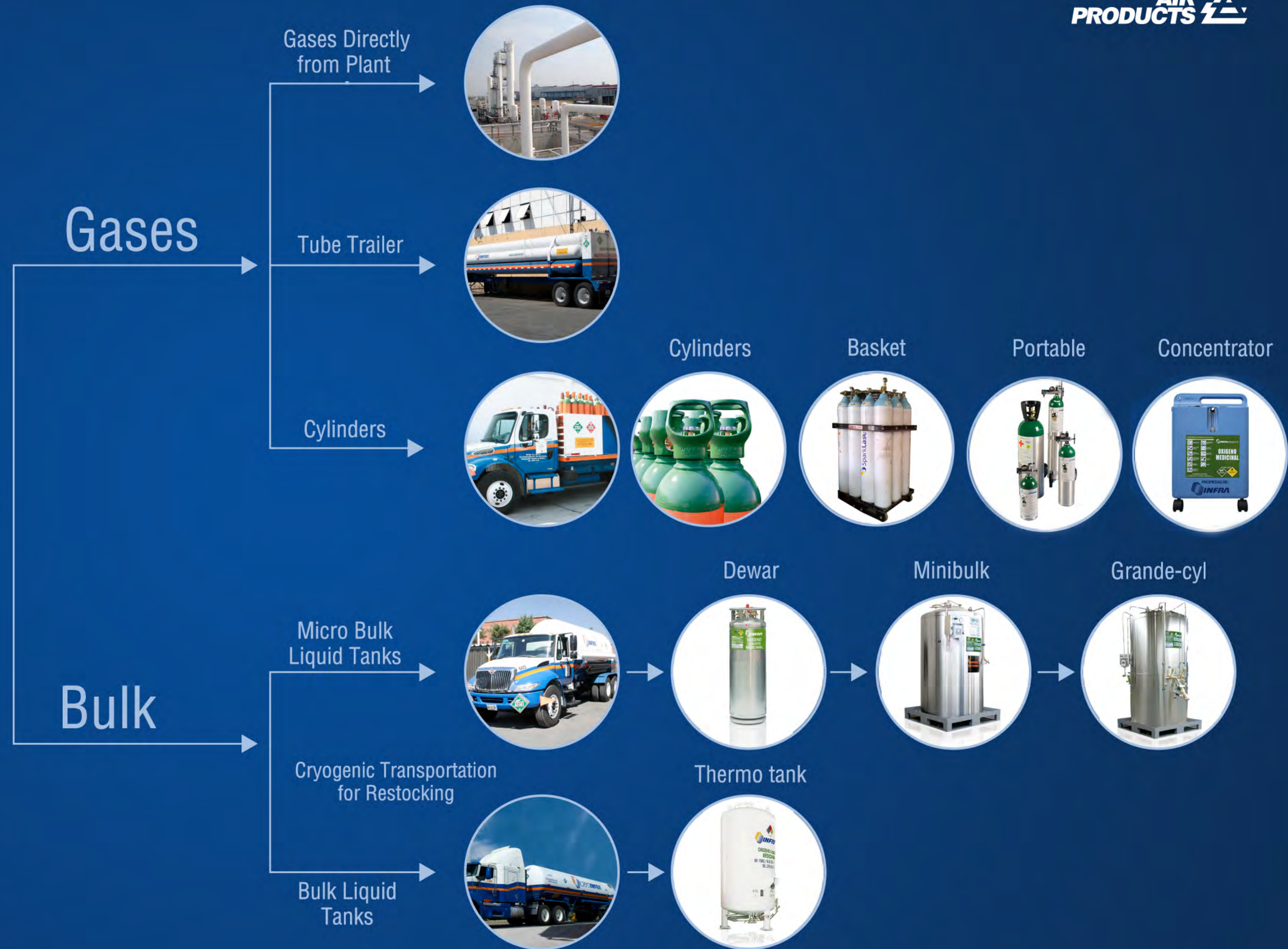




# Gases Supply Options



On-Site Systems



# On-Site Systems



On site System:  
• Cryogenic Systems  
• PSA / VSA Systems



Pipeline to Customer Facilities



Customer Facilities



Liquid Backup Tanks



Back-Up Supply Services

# Largest Industrial Gas Manufacturer in Mexico



- More than 230 Retail Branches and 50 Filling Centers
- More than 30 Production Plants
- Newest and Biggest Plant (Under construction / 2026)

- + 800 Distribution vehicles
- + 600,000 Cylinders
- + 130,000 Medical equipment
- + 200 Sales executives

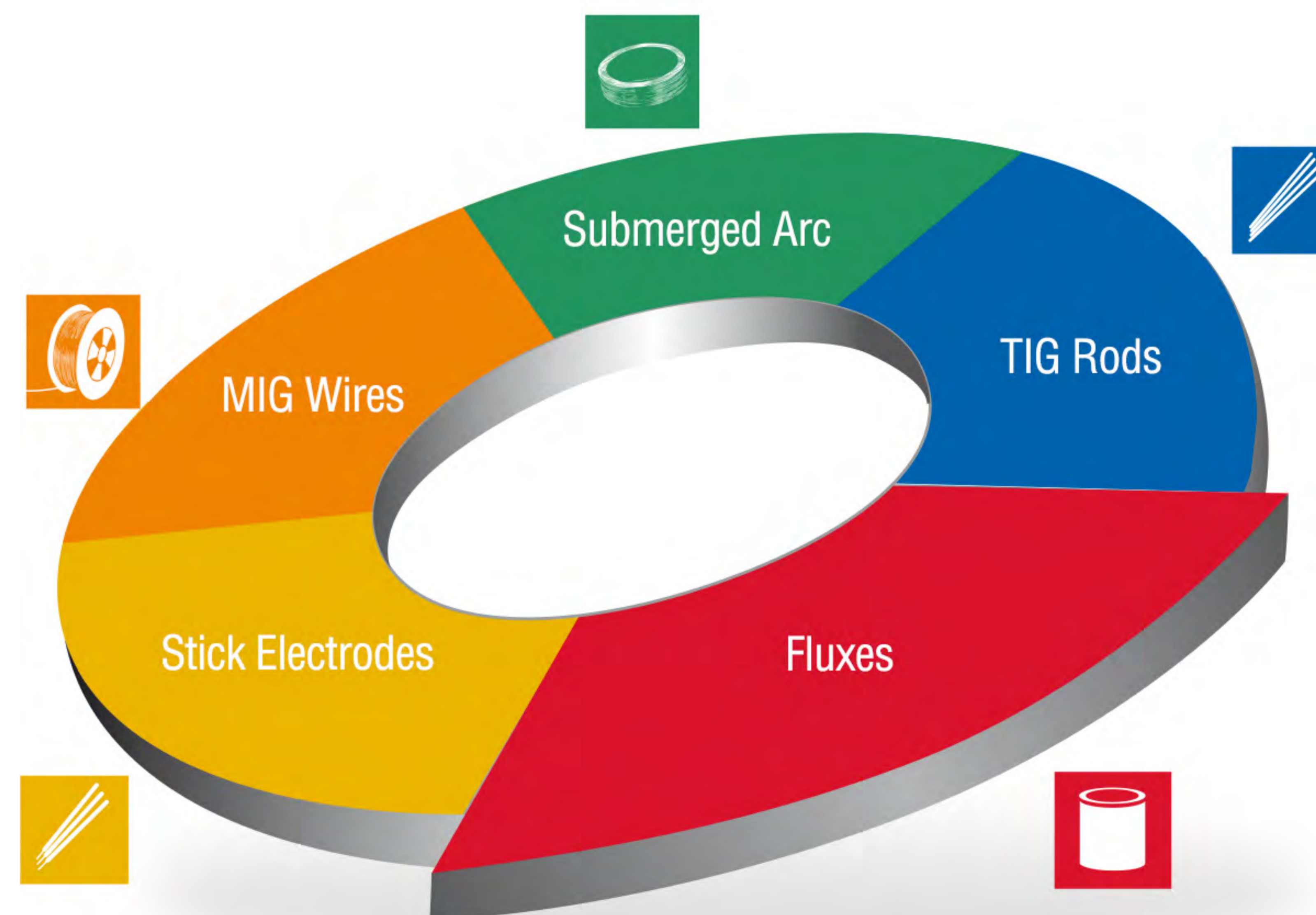


# Grupo INFRA®'s Presence in Central America



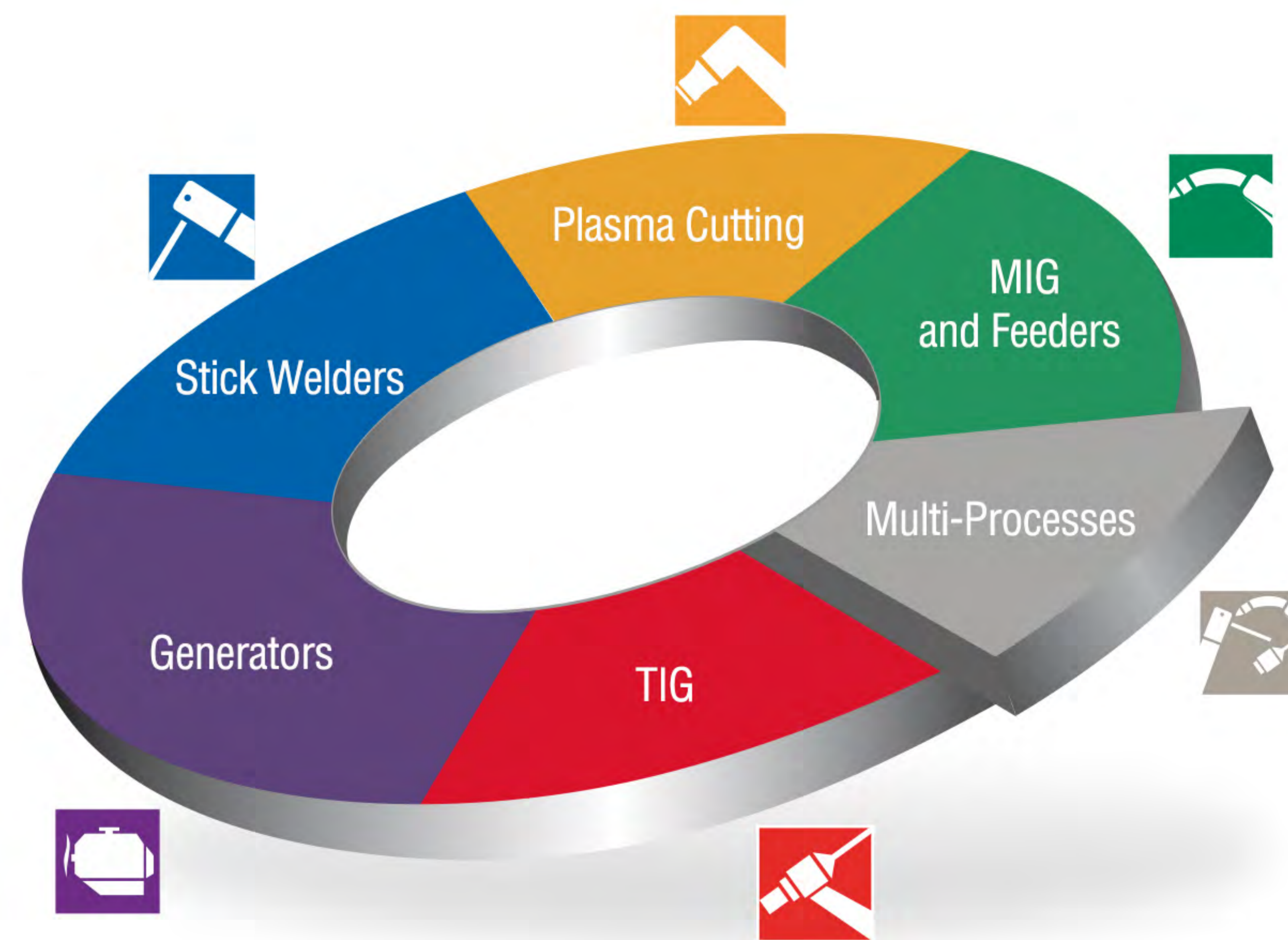


# Filler Metals



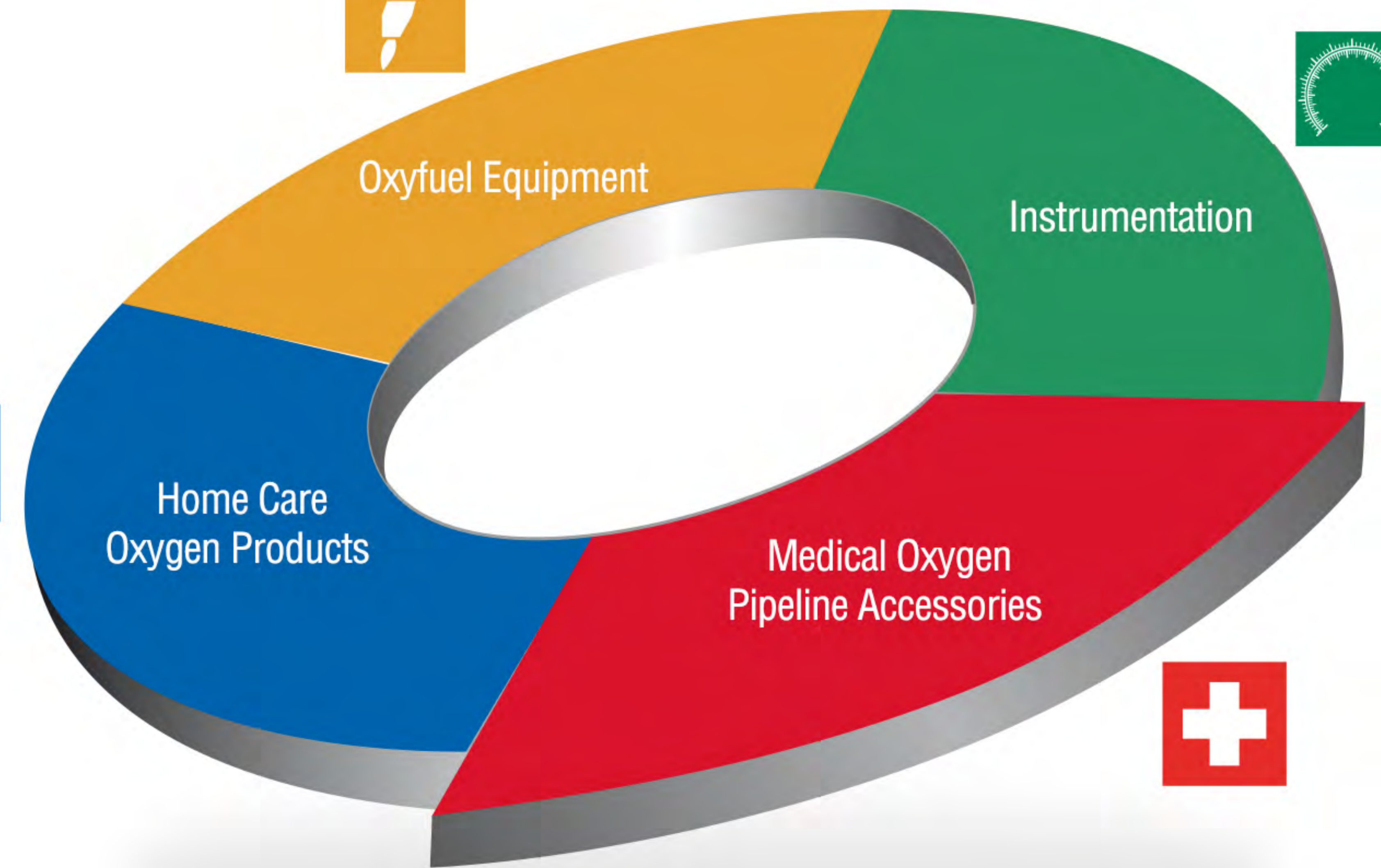


# Welding and Cutting Machines



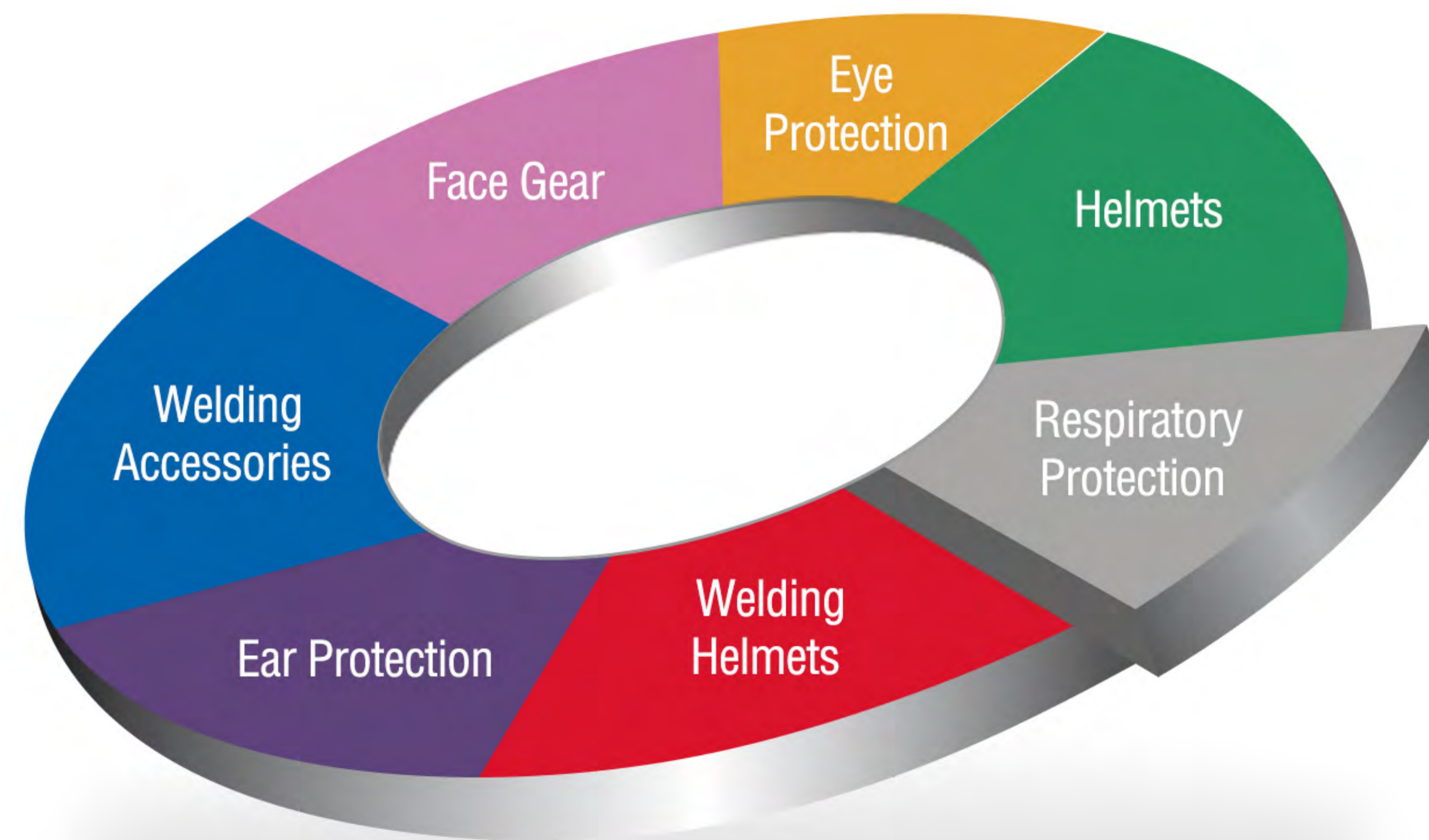


# Oxyfuel, Manifolds, Gauges and Medical Oxygen Products





# Personal Protective Equipment (PPE)







# Cryogenic Storage Tanks

- Cryogenic Tanks
- Cryogenic Transportation
- ISO Containers
- Evaporators





# Calcium Carbide Leader in Mexico

- Calcium Carbide
- Carbumag
- Desulmet
- Synthetic Slags





# Grupo INFRA®

is at the forefront of the  
**nearshoring** wave

The relocation of manufacturing production facilities from all around the world closer to the main consumer market (North America) demands dependable supply of industrial inputs.

As a business partner, **Grupo INFRA®** offers:

- The broadest production capabilities of industrial gases in Mexico
- The most extensive industrial gases distribution network in the country, **ensuring a consistent supply at any time**
- The largest commercial force within the Mexican market, comprised of highly trained advisors, **ensuring customer satisfaction**
- Our joint venture with **Air Products and Chemicals** ensures trust, innovation and global expertise
- A wide array of products and services providing comprehensive solutions tailored to each client's needs
- We place strong emphasis on **sustainability, social responsibility, and operational safety**

The success of new manufacturing operations relies significantly on the support of business partners. **Grupo INFRA®** is fully prepared to enhance the productivity of new customers within the **Nearshoring** context.

# Major Industries and Applications

## Food



Animal Stunning with CO<sub>2</sub>



Food Freezing with liquid N<sub>2</sub>



Induced Ripening of Fruits and Vegetables



Beef Carcass Chilling



Fumigation in Large Grain Silos



Oxygenation in Aquaculture



Oxygenation in Chicken Incubators



Modified Atmospheres Packaging (MAP)



Carbon Fertilization



Food Puffing

# Major Industries and Applications

## Beverages



Beverage-Grade CO<sub>2</sub>



O<sub>2</sub> Biological Wastewater Treatments



PET Bottles Nitrogen Pressurization



Nitrogen Wine Preservation



Ozone Water Purification



Juice Freezing with Liquid N<sub>2</sub> for Transportation

# Major Industries and Applications

- Automotive
- Aerospace
- Manufacturing



Brazing



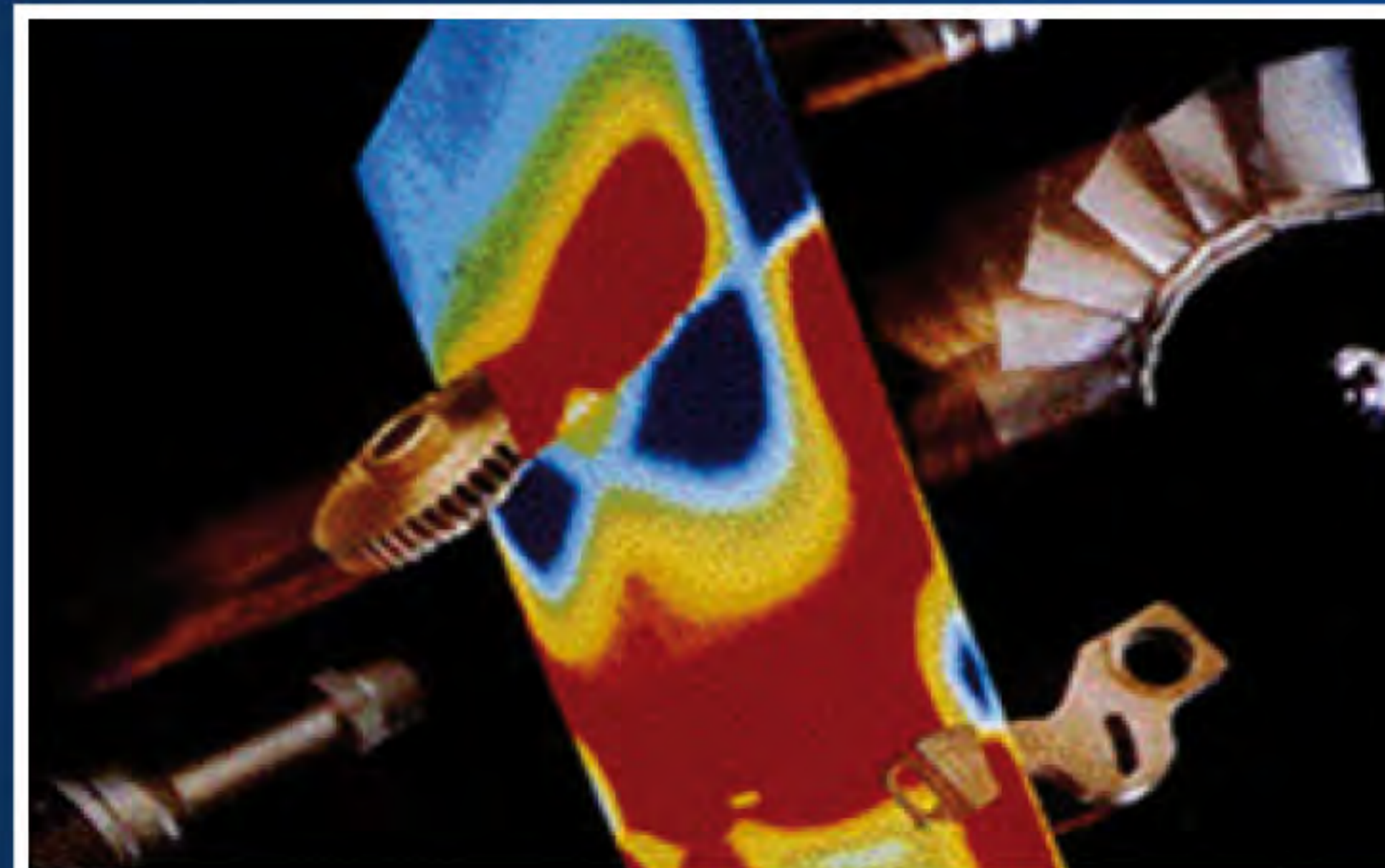
Carburizing



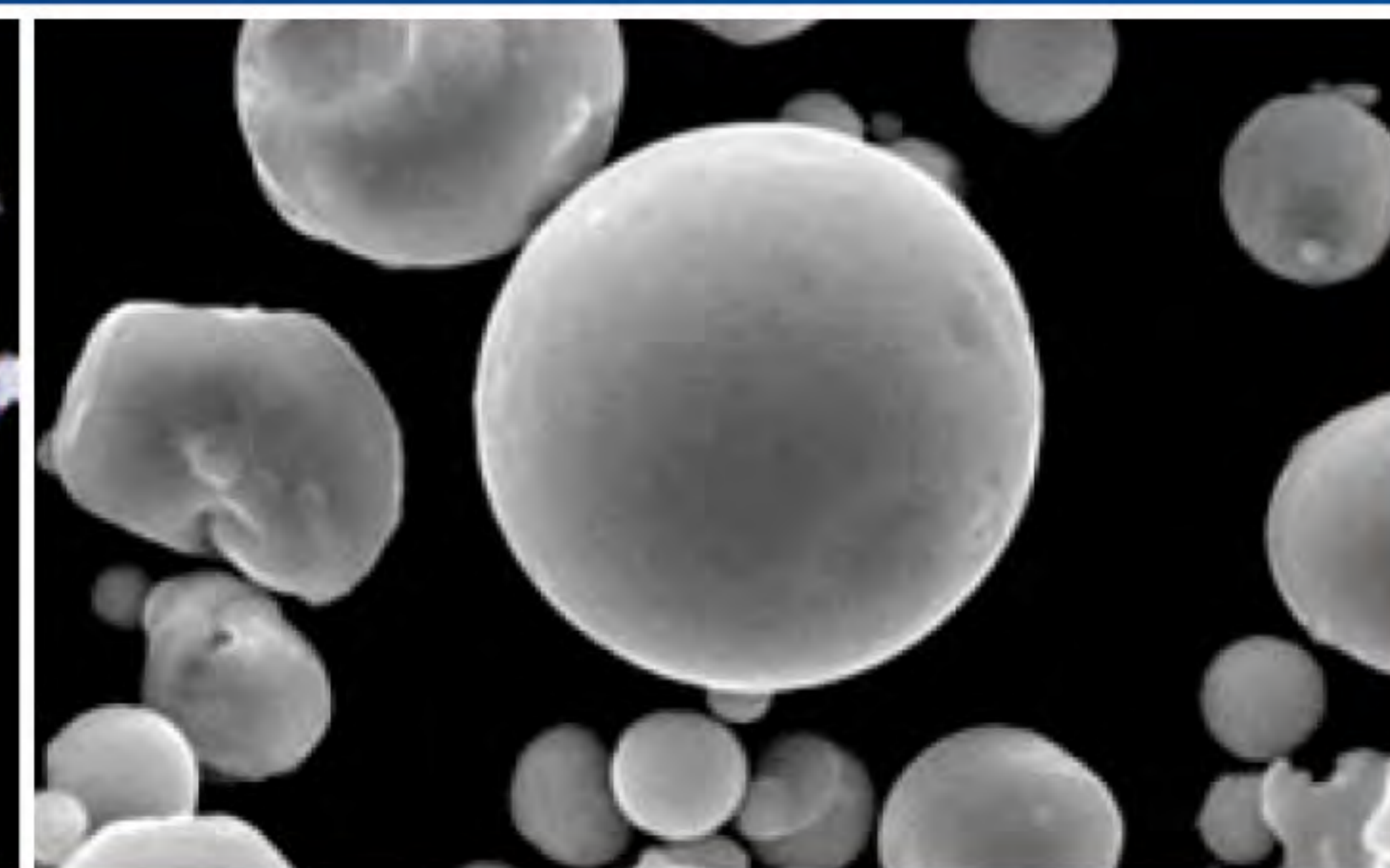
MIG/MAG Welding



Plasma Welding



Annealing



Sintered



TIG Welding



Laser Cutting

# Major Industries and Applications

- Automotive
- Aerospace
- Manufacturing



Oxyfuel Welding  
and Cutting



Cryogenic Deburring



Metal Cooling



Cryogenic Grinding



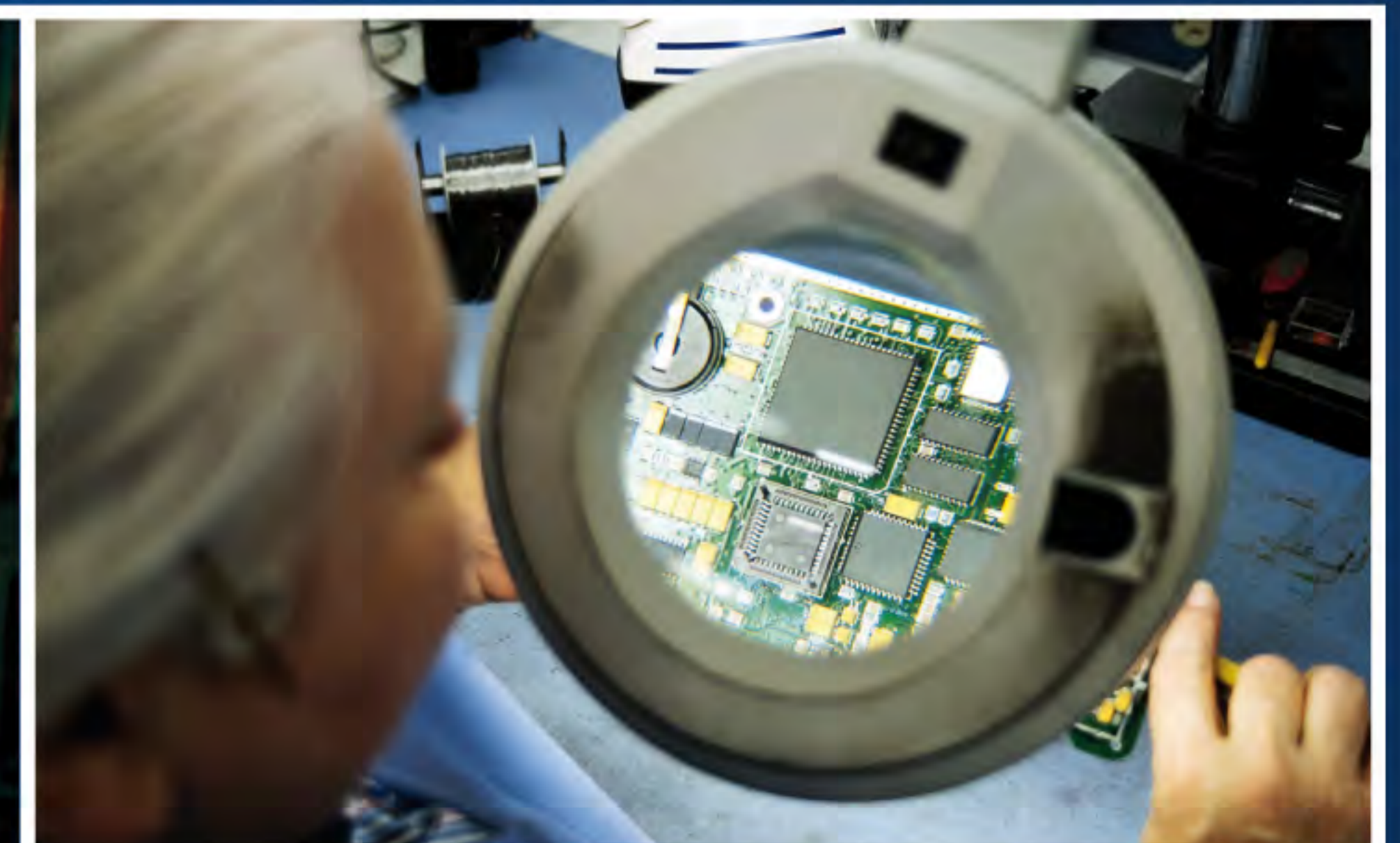
Plastics Foaming



Cryogenic Assemblies



Metal Foundries



Special Electronic  
Applications

# Major Industries and Applications

## Pharmaceuticals



Sterilization  
and Sanitization



Cryogenic Granulation



Oxygen Enrichment



Low-Temperature  
Reactions



Lyophilization /  
Freeze-Drying



Freezing & Cooling



Packaging /  
Inerting / Blanketing



# Major Industries and Applications

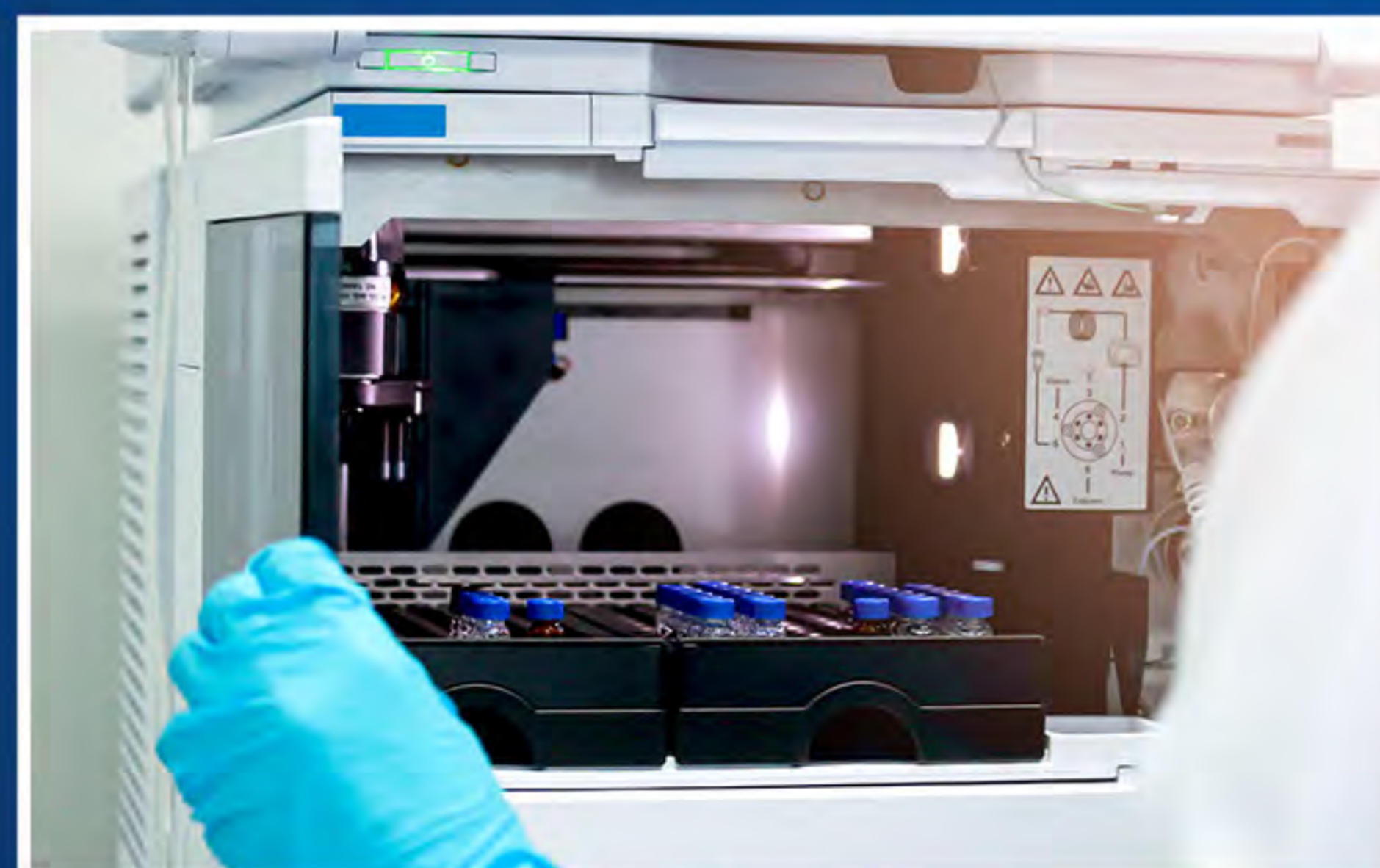
## Research and Development



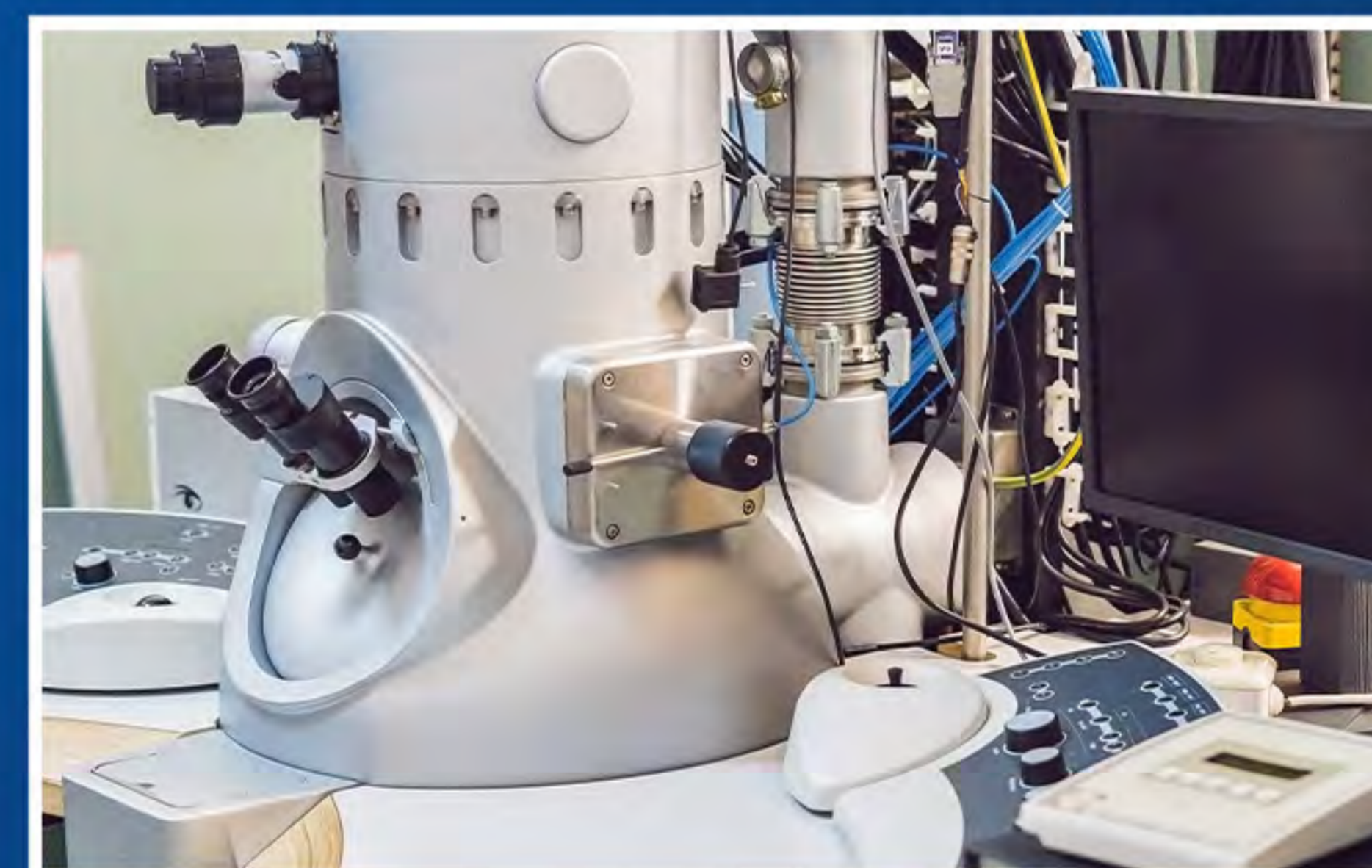
Freezing & Cooling



Gas-liquid  
Chromatography



Atomic Absorption  
Spectroscopy



Electron Microscope

# Major Industries and Applications

## Mining



Gold and Silver Leaching  
Assisted with Oxygen



Cyanide Removal  
with Oxygen



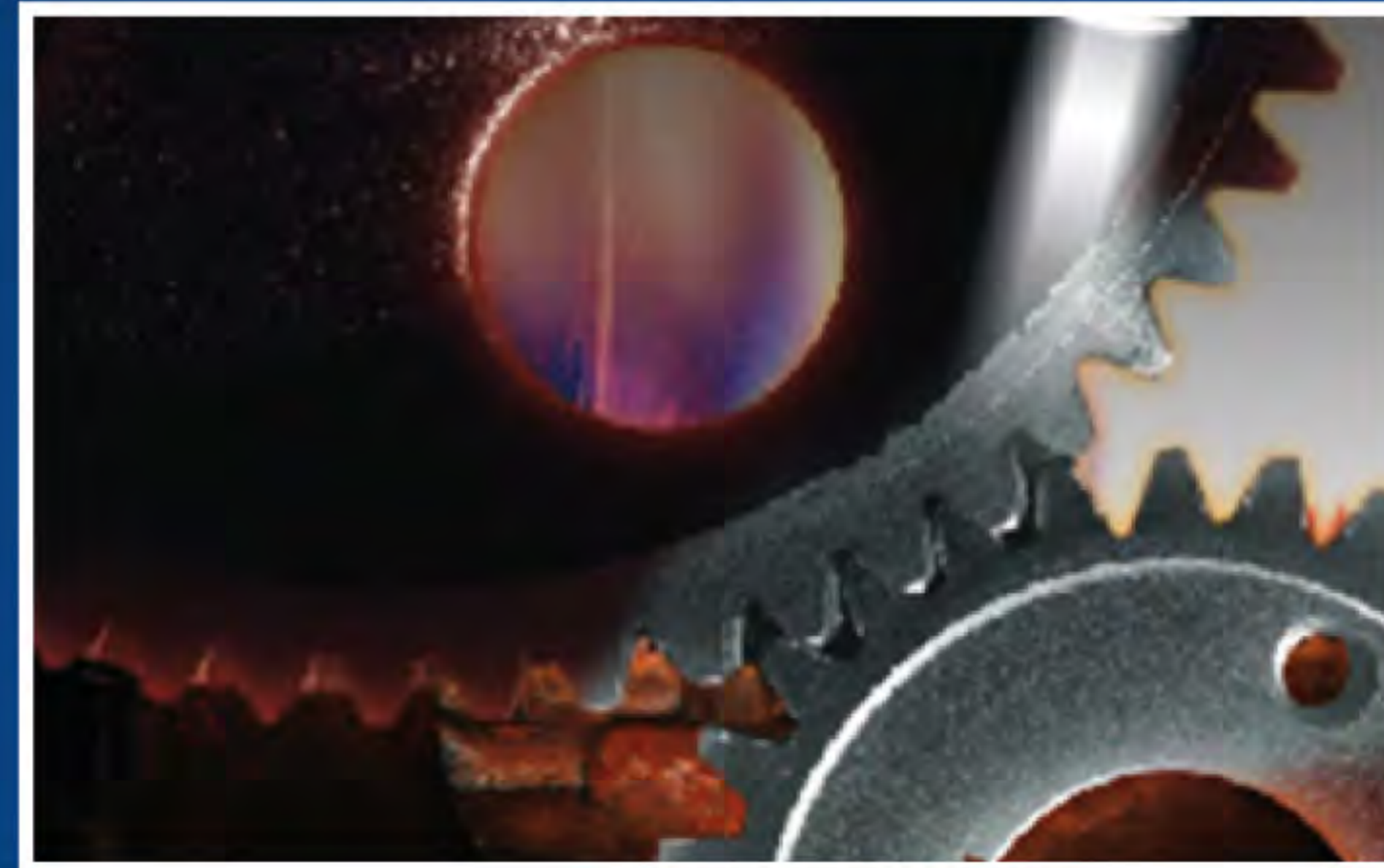
Lead Sulfide Flotation



Industrial Maintenance

# Major Industries and Applications

Petroleum,  
Chemical,  
Petrochemical,  
and the Environment



Calibration Gases



Cooling of Chemical Reactions  
with Liquid Nitrogen



Diving Mixtures



Alkaline Wastewater  
Neutralization



Calibration gases



Emissions Monitoring

# Major Industries and Applications

Petroleum,  
Chemical,  
Petrochemical,  
and the Environment



Specialized Nitrogen  
Services



Biological Wastewater  
Treatment



Reactive Atmospheres

# Representative List of Key Clients

