



### Instrumentation Gases

Obtaining precise, accurate results requires a combination of sensitive analytical equipment and high purity instrumentation gases. Impurities can contaminate and even damage instrumentation and compromise analytical work.

Over the years, Praxair has focused extensive resources on research and development of instrumentation gases. As analytical equipment and technology become more advanced and precise, so do our instrumentation gases. These gases are prepared specifically for use with analytical equipment.

In addition, our technical support personnel are experienced with the equipment and its applications, enabling them to give you the best service possible. At Praxair, we are dedicated to helping you select the gas product to achieve superior results, whether in lab analysis or process control.

The instrumentation reference guide on the following pages will assist you in the appropriate selection of gases and gas grades for your specific instrument needs. The grade recommendations are based on the analytical range/sensitivity of your instrument application. The reference guide is categorized into analytical method/detectors:

- Gas Chromatography (by detector)
- Optical Spectrometry (absorption and emission)
- Mass Spectrometry
- Others

For specification and ordering information, the following pages provide pure gas page references as well as a complete summary of instrument mixtures.