

## Flame Ionization Fuel Mixtures

These mixtures are used with Flame Ionization Detectors (FIDs) in gas chromatography or Total Hydrocarbon Analyzer (THC) when analyzing for trace quantities of hydrocarbons. Please refer to the Pure Gas section for Zero and Hydrocarbon Free grades of air, argon, helium, hydrogen, nitrogen, and oxygen carrier gases.

FID Fuel	Part No.	Cylinder Size	Contents	Connection
40% Hydrogen	FID-2-NIT-XX-DN	300	266 cf	350
60% Nitrogen		200	203 cf	350
40% Hydrogen	FID-2-HEL-XX-DN	300	259 cf	350
60% Helium		200	195 cf	350

XX - Complete the part number with the desired cylinder size listed above.  
DN - Description number assigned by manufacturing location.

### Recommended Equipment

300 series brass regulators, [see page 4.12](#)

## Leak Detection Mixtures

Leak detection mixtures are used with special instrumentation designed to detect the minor component at very low concentrations. The primary use is to detect very minute leaks in gas systems.

Leak Detection Mixtures	Part No.	Cylinder Size	Contents	Connection
.5%-10% Helium	LDM-2-NIT-XX-DN	300	285	580
Balance Nitrogen		200	210	580
50ppm-1% Sulfur Hexafluoride	LDM-2-NIT-XX-DN	300	289	580
Balance Nitrogen		200	213	580
1%-5% Sulfur Hexafluoride	LDM-2-NIT-XX-DN	300	292	580
Balance Nitrogen		200	215	580

XX - Complete the part number with the desired cylinder size listed above.  
DN - Description number assigned by manufacturing location.

### Recommended Equipment

300 series brass regulators, [see page 4.12](#)