

Special Applications

ANALYTICAL GASES

Flame Ionization Detector (FID) Fuel Gases

Used with FIDs in gas chromatography and continuous stream hydrocarbon analyzers.

				Equipment Recommendations	
Concentration	Cylinder Size	Contents ft ³	Product Number		Page Number
39-41% Hydrogen/ 60% Helium THC < 0.5 ppm	300	298	X02 HE60A300 3005	Two-Stage Regulators Y12-N145D350 Y12-244D350	E13 E11
	200	200	X02 HE60A200 3005		
	80	76	X02 HE60A80 3005		
40% Hydrogen/ 60% Nitrogen THC < 0.5 ppm	300	298	X02 NI60A300 3006		
	200	200	X02 NI60A200 3006		
	80	76	X02 NI60A80 3006		
Individual or Batch Certificate of Analysis available upon request at a nominal charge. Minimum of UHP Air recommended for optimal analytical results. Standard valve outlet: CGA 350.					

Technical Data

Cylinder Pressure:

Size 300 2400 psig

All Other Sizes 2000 psig

DOT Class 2.1

DOT Label Flammable Gas

ID No. UN1954

ANALYTICAL GASES

Electron Capture Detector (ECD) Gases

A minimum of UHP grade gases are recommended for optimal analytical results.

				Equipment Recommendations	
Concentration	Cylinder Size	Contents ft ³	Product Number		Page Number
Ultra ECD Grade P-5 5% UHP Methane/ 95% UHP Argon	300	302	X02 AR95J300 1826	Two-Stage Regulators Y12-N145D350 Y12-D244D350	E13 E11
	200	223	X02 AR95J200 0286		
	80	85	X02 AR95J80 0995		
Ultra ECD Grade P-10 10% UHP Methane/ 90% UHP Argon	300	302	X02 AR90J300 0339		
	200	223	X02 AR90J200 0288		
	80	85	X02 AR90J80 4972		
Individual or Batch Certificate of Analysis available upon request at a nominal charge. Standard CGA valve outlet: CGA 350 Performance qualified for a stable baseline with low background signal.					

Technical Data

Cylinder Pressure 2000 psig

DOT Class 2.2

DOT Label Nonflammable Gas

ID No. UN1956