

## Isobutane (iso-C<sub>4</sub>H<sub>10</sub>)

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 2750 ppm in Air and 1% in all other balance gases are provided at reduced pressure and volume.
- Batch Analysis: order quantities of 6 or more cylinders.

Isobutane in Air			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft <sup>3</sup>	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	217	AIBPBIA	AIBCBIA	N/A	<b>Two-Stage Regulators</b> Y12-N145 * 590 Y12-244 * 590	A = 0-25 B = 0-50 G = 0-500**	E14 E11
	150A	146	AIEPBIA	AIECBIA	N/A			
	80	86	AICPBIA	AICCBIA	N/A			
	35	34	AIDPBIA	AIDCBIA	N/A			
100 - 2750 ppm	200	217	AIBPBIB	AIBCBIB	N/A	<b>Single-Stage Regulators</b> Y11-N145 * 590 Y11-244 * 590		E13 E10
	150A	146	AIEPBIB	AIECBIB	N/A			
	80	86	AICPBIB	AICCBIB	N/A			
	35	34	AIDPBIB	AIDCBIB	N/A			
Can not exceed 9000 ppm in Air. Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 590 Certificate of Analysis included.						* Insert Delivery Pressure Range Code ** Single Stage Only		

Isobutane in Helium			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft <sup>3</sup>	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	198	HEBPBIA	HEBCBIA	HEBBBIA	<b>Two-Stage Regulators</b> Y12-N145 * 350 Y12-244 * 350	A = 0-25 B = 0-50 G = 0-500**	E14 E11
	150A	133	HEEPBIA	HEECBIA	HEEBBIA			
	80	78	HECPBIA	HECCBIA	HECBBIA			
	35	31	HEDPBIA	HEDCBIA	HEDBBIA			
100 - 9000 ppm	200	195	HEBPBIB	HEBCBIB	HEBBBIB	<b>Single-Stage Regulators</b> Y11-N145 * 350 Y11-244 * 350		E13 E10
	150A	131	HEEPBIB	HEECBIB	HEEBBIB			
	80	77	HECPBIB	HECCBIB	HECBIB			
	35	30	HEDPBIB	HEDCBIB	HEDBBIB			
Can not exceed 9000 ppm in Air. Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 350 Certificate of Analysis included.						* Insert Delivery Pressure Range Code ** Single Stage Only		

Rely on Airgas for all your specialty gas equipment needs, including regulators for gas mixtures.



Pictured: Y11-N145

## Isobutane (iso-C<sub>4</sub>H<sub>10</sub>) Cont.

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 1% are provided at reduced pressure and volume.
- Batch Analysis: order quantities of 6 or more cylinders.

Isobutane in Nitrogen			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft <sup>3</sup>	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	215	NIBPBIA	NIBCBIA	NIBBBIA	Two-Stage Regulators Y12-N145 * 350 Y12-244 * 350	A = 0-25 B = 0-50 G = 0-500**	E14 E11
	150A	144	NIEPBIA	NIECBIA	NIEBBIA			
	80	85	NICPBIA	NICCBIA	NICBBIA			
	35	33	NIDPBIA	NIDCBIA	NIDBBIA			
100 - 9000 ppm	200	216	NIBPBIB	NIBCBIB	NIBBBIB	Single-Stage Regulators Y11-N145 * 350 Y11-244 * 350		E13 E10
	150A	145	NIEPBIB	NIECBIB	NIEBBIB			
	80	85	NICPBIB	NICCBIB	NICBBIB			
	35	33	NIDPBIB	NIDCBIB	NIDBBIB			
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 350 Certificate of Analysis included.						* Insert Delivery Pressure Range Code ** Single Stage Only		

Gas Mixtures

### Technical Data & Shipping Information

Cylinder Pressure	2000 psig
U.S. DOT Class:	
C <sub>4</sub> H <sub>10</sub> in Air, or ≤ 1.23% in He or ≤ 1.83% in N <sub>2</sub>	2.2
All Others	2.1
U.S. DOT Label:	
C <sub>4</sub> H <sub>10</sub> in Air, or ≤ 1.23% in He or ≤ 1.83% in N <sub>2</sub>	Nonflammable Gas
All Others	Flammable Gas
ID Number:	
C <sub>4</sub> H <sub>10</sub> in Air, or ≤ 1.23% in He or ≤ 1.83% in N <sub>2</sub>	UN1956
All Others	UN1954

You'll find it with us—a wide range of specialty gas equipment designed especially for gas mixtures.



Pictured: Y11-244