

BLOOD GAS MIXTURES



Gas Description

The blood gas mixtures developed at Air Liquide are used in blood gas analysers to provide zero and span calibration for oxygen and carbon dioxide analysis. Clinicians use the results obtained from these tests to diagnose acid base disturbances and respiration problems (oxygen and carbon dioxide transport). Clinical blood gas mixtures are intended only for the calibration of research and clinical blood gas analysers.

Typical applications :

Used in the calibration of blood gas analysers.

Transport Regulations :

UN number : 1956
1914 for Carbon Dioxide in Oxygen
Class :2.2 : Non-Toxic, Non-Flammable gas

5% or 10% Carbon Dioxide with Nitrogen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.9
E	TYPE 10		3.9
D			1.6

Recommended Equipment

Single stage chrome plated brass body regulator with a stainless steel diaphragm.

For further information [Contact](#) the specialty gases representative in your region.

1-50% Carbon Dioxide with Nitrogen or Oxygen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.9
D	TYPE 10		3.9
			1.6

Recommended Equipment

Single stage chrome plated brass body regulator with a stainless steel diaphragm.

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5% Carbon Dioxide, 12% Oxygen with Nitrogen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.8
E	TYPE 10		3.8
D			1.6

Recommended Equipment

Single stage chrome plated brass body regulator with a stainless steel diaphragm.

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10% Carbon Dioxide, 21% Oxygen with Nitrogen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	8.0
E	TYPE 10		3.9
D			1.6

Recommended Equipment

Single stage chrome plated brass body regulator with a stainless steel diaphragm.

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5% Carbon Dioxide, 21% Oxygen with Nitrogen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.9
E	TYPE 10		3.9
D			1.6

Recommended Equipment

Single stage chrome plated brass body regulator with a stainless steel diaphragm.

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