

ELECTRON CAPTURE MIXTURES



Gas Description

The electron capture mixtures developed at Air Liquide are used in conjunction with appropriate equipment to be used in Gas Chromatographs equipped with Electron Capture Detectors.

Typical applications :

Used in Gas Chromatography.

Transport Regulations :

UN number : 1956 for Methane in Argon
1956 for Hydrogen in Helium
1954 Methane in Argon P10
Class : 2.2 : Methane in Argon P5
2.1 : Methane in Argon P10
2.2 : Hydrogen in Helium

P5 - 5% Methane with Argon Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	8.4
E	TYPE 20		4.1
D			1.7

Recommended Equipment

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

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

Ultra P5 - 5% Methane UHP with Argon UHP Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	8.4
D	TYPE 20		1.7

Recommended Equipment

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

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AIR LIQUIDE™

8.5% Hydrogen with Helium Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.26
E	TYPE 20		3.5
D			1.4

Recommended Equipment

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

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P10 - 10% Methane with Argon Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	8.4
E	TYPE 20		4.1
D			1.7

Recommended Equipment

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

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