

High Pressure Cylinders

CAC GAS provides high pressure specialty gas mixtures for all applications including gas chromatography, process gas analysis, environmental monitoring or gas detection.

Made gravimetrically all mixtures have international traceability via the U.K. National Physical Laboratory or UKAS standards.

ISO 17025 mixtures for the hydrocarbon industry including LNG gas standards, refinery gases and sulphur gas standards are available.

Cylinder	Material	Service Pressure (bar)	Water Capacity (litres)	Gas Volume (litres)	Height (mm)	Diameter (mm)	Weight (kg)	Valves
Lecture Bottle	Steel	150	0.4	Gas Dependent	310	50	2	CGA 180
2AL	Aluminium	150	2	300	410	100	2.9	BS, CGA, as required
5AL	Aluminium	150	5	750	504	150	8	AS, BS, CGA, DIN as required
5ST	Steel	150	5	750	480	140	9	
10AL	Aluminium	150	10	1500	700	175	14	AS, BS, CGA, DIN as required
10ST	Steel	150	10	1500	690	160	16	
20AL	Aluminium	150	20	3000	990	200	25	
20ST	Steel	150	20	3000	835	200	28	
50AL	Aluminium	150	50	7500	1520	230	57	AS, BS, CGA, DIN as required
50ST	Steel	150	50	7500	1550	250	70	

We produce simple binary mixtures through to complex multi-component gas mixtures in a range of cylinders sizes. Gases are supplied with a certificate of composition. Cylinders are labelled with the gas volume, pressure, our reference, date of manufacture and shelf life.

HPC Non Corrosive Gas Mixtures:

Safety Gas Mixtures (LEL, CO, CO₂, N₂, Air):

5 years

Specialty Gas Mixtures:

< / = 5 years based upon mixture

Corrosive/Reactive Gases:

24 months

Chlorine:

12 months

Nitrogen Dioxide:

6 months

