

High Pressure Cylinders

CAC GAS provides high pressure gas mixtures made gravimetrically to ISO 6142. All mixtures have international traceability via the U.K. National Physical Laboratory standards used in the manufacturing process. (ISO 17025 pending).

We produce simple binary mixtures through to complex multi-component gas mixtures in a range of cylinder sizes and valves. All gases can be supplied with a certificate of composition if required. Cylinders are labelled with the gas volume, pressure, our reference, date of manufacture and shelf life.

CAC GAS supplies specialised gases and gas mixtures to meet your specific requirements.

We work with you to understand your application and analyse your consumption patterns to select the correct cylinder size that maximises your efficiency while minimising costs.

High Purity Gases

We supply High Purity Carrier gases up to >99.999% pure. Our range includes Hydrocarbon gases, Chemical gases, Halocarbons, Rare gases and many other gases for research and industry. These gases can be supplied in a range of cylinders or lecture bottles up to 200bar in pressure.

See right for a partial list of products available.



Cylinder	Height(mm)	Diameter(mm)	Weight (kg)	Water Capacity (LT)	Material
50AL	1550	250	57	50 Litres	Aluminium
50ST	1520	230	70	50 Litres	Steel
20AL	990	200	25	20 Litres	Aluminium
20ST	835	200	28	20 Litres	Steel
10AL	700	175	14	10 Litres	Aluminium
10ST	690	160	16	10 Litres	Steel
5AL	504	150	8	5 Litres	Aluminium
5ST	480	140	9	5 Litres	Steel
LB	310	50	1.5	0.45 Litres	Steel

The above weights are cylinder and valve without contents



VALVE TYPES

- Australian (AU)
- British (BS)
- Europe (DIN)
- U.S.A. (CGA)

PRODUCT RANGE

Acetylene
Air
Allene
Ammonia
Argon
Boron Trichloride
Butane
Butene 1
Butene Cis 2
Butene Trans 2
1,3. Butadiene
Carbon Dioxide
Carbon Monoxide
Carbonyl Sulphide
Chlorine
Cyclopropane
Deuterium
Dimethylamine
Dimethyl Ether
Ethane
Ethyl Acetylene
Ethyl Chloride
Ethylene
Helium
Hydrogen
Hydrogen Bromide
Hydrogen Chloride
Hydrogen Sulphide
Iso-Butane
Iso Butylene
Krypton
Methane
Methyl Acetylene
Methyl Bromide
Methyl Chloride
Methyl Mercaptan
Mono Ethylamine
Mono Methylamine
Neon
Nitric Oxide
Nitrogen
Nitrogen Dioxide
Nitrous Oxide
Oxygen
Propane
Propylene
R-see Halocarbons
Sulphur Hexafluoride
Sulphur Dioxide
Trimethylamine
Vinyl Bromide
Vinyl Chloride
Xenon
R - Numbers are under Halocarbons** Please specify name and formula.