

# 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, UKAS standards or NIST. 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
5AL	Aluminum	150	5	750	504	150	8	AS, BS, CGA, DIN as required
5ST	Steel	150	5	750	480	140	9	
10AL	Aluminum	150	10	1500	700	175	14	AS, BS, CGA, DIN as required
10ST	Steel	150	10	1500	690	160	16	
20AL	Aluminum	150	20	3000	990	200	25	
20ST	Steel	150	20	3000	835	200	28	
33A/6AL	Aluminum	110-150	6	650-900	410	180	7	CGA
33W	Aluminium	138	6	900	410	180	7	CGA
50AL	Aluminum	150	50	7500	1520	230	57	AS, BS, CGA, DIN as required
50ST	Steel	150	50	7500	1550	250	70	
80A	Aluminum	137-148	15	2200	835	184	14	CGA
150A	Aluminum	137-148	30	4000	1214	203	22	CGA
150W	Aluminium	138	30	4000	1220	200	22	CGA
300A	Aluminum	137-148	47	7000	1319	249	40	CGA

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.



The 33w and 150w “white top” cylinders are specially conditioned cylinders providing long term stability for specific corrosive gas mixtures. Used for all Nitrogen dioxide mixtures and EPA Protocol gas mixtures, these white top cylinders provide a 36-month stability period.

