



# ANALYSAIR

PORTABLE CALIBRATION GAS MIXTURES

  
Smaller and lighter cylinder

  
Lowest return rate in the industry

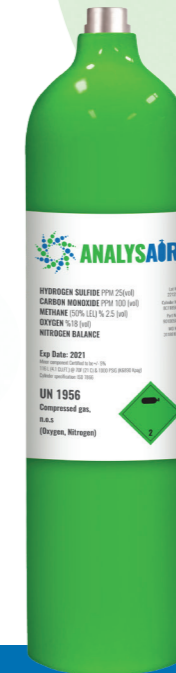
  
Reusable and sustainable cylinders



  
Increased shelf life

  
Best in class quality process

  
Custom blends available



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Best in class quality process

  
Lowest return rate in the industry

  
Reusable and sustainable cylinders

  
Innovative regulator designs

  
Available in reference grade

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# ANALYSAIR



## POPULAR PRODUCTS

Part #	Description	Size	Shelf Life
10004000	AIR ZERO	100 L	36 Months
90100706	AMMONIA PPM 25, NITROGEN BALANCE	116 L	24 Months
90100417	AMMONIA PPM 50, NITROGEN BALANCE	116 L	24 Months
10005475	AMMONIA PPM 50, NITROGEN BALANCE	58 L	24 Months
90303192	BUTANE % 0.8 (50% LEL), AIR BALANCE	100 L	36 Months
10040000	CARBON DIOXIDE % 1, AIR BALANCE	100 L	36 Months
10041253	CARBON DIOXIDE % 2, NITROGEN BALANCE	100 L	36 Months
10047500	CARBON DIOXIDE % 3, NITROGEN BALANCE	100 L	36 Months
10070000	CARBON DIOXIDE % 5, AIR BALANCE	100 L	36 Months
90302065	CARBON MONOXIDE PPM 100, AIR BALANCE	100 L	36 Months
90098784	CARBON MONOXIDE PPM 100, METHANE % 2.5 (50% LEL), OXYGEN %18, NITROGEN BALANCE	100 L	36 Months
10218000	CHLORINE PPM 10, NITROGEN BALANCE	58 L	12 Months
90098726	HYDROGEN % 0.5, AIR BALANCE	100 L	36 Months
10319900	HYDROGEN % 2 (50% LEL), AIR BALANCE	100 L	36 Months
10314500	HYDROGEN 100PPM NITROGEN BALANCE	100 L	36 Months
90096888	HYDROGEN CYANIDE PPM 10, NITROGEN BALANCE	58 L	18 Months
90100684	HYDROGEN SULFIDE PPM 10, NITROGEN BALANCE	116 L	24 Months
90099311	HYDROGEN SULFIDE PPM 25, NITROGEN BALANCE	116 L	24 Months
90303054	HYDROGEN SULFIDE PPM 20, CARBON MONOXIDE PPM 60, PENTANE EQUIVALENT 58% LEL (METHANE % 1.45), OXYGEN % 15, NITROGEN BALANCE	58 L	24 Months
90301643	HYDROGEN SULFIDE PPM 25, CARBON MONOXIDE PPM 100, METHANE % 2.5 (50% LEL), OXYGEN %18, NITROGEN BALANCE	34 L	24 Months
90301644	HYDROGEN SULFIDE PPM 25, CARBON MONOXIDE PPM 100, METHANE % 2.5 (50% LEL), OXYGEN %18, NITROGEN BALANCE	58 L	24 Months
90301713	HYDROGEN SULFIDE PPM 25, CARBON MONOXIDE PPM 100, PENTANE PPM 3500 (25% LEL), OXYGEN %18, NITROGEN BALANCE	116 L	24 Months
90100504	HYDROGEN SULFIDE PPM 25, CARBON MONOXIDE PPM 100, METHANE % 2.5 (50% LEL), OXYGEN %18, NITROGEN BALANCE	116 L	24 Months
10373000	ISO-BUTYLENE 100PPM, AIR BALANCE	100 L	36 Months
10444000	METHANE % 2.5 (50% LEL), AIR BALANCE	100 L	36 Months
90411740	NITROGEN 99.999%, ULTRA HIGH PURITY	100 L	36 Months
10474545	NITROGEN DIOXIDE PPM 10, NITROGEN BALANCE	58 L	6 Months
90095187	PROPANE % 1.1 (50% LEL), AIR BALANCE	100 L	36 Months
90100555	SULPHUR DIOXIDE PPM 10, NITROGEN BALANCE	116 L	24 Months

Part #	Regulators
110-11P0.5	SLIMLINE REGULATOR WITH 0.5 LPM CONSTANT FLOW
110-11P1.0	SLIMLINE REGULATOR WITH 1.0 LPM CONSTANT FLOW
DFR-1	DEMAND FLOW REGULATOR - C10 INLET CONNECTION, PRESSURE 0-1000 OUTLET 3/16" HOSEBARB

## CYLINDER SPECIFICATIONS

Cylinder Size	Air Content at Service Pressure	Pressure	Outlet Fitting	Diameter	Height (Incl. Valve)	Tare Weight	H2O Volume
34 L	34 L	68 bar	C-10	6.1 cm	25.9 cm	0.45 kg	0.5 L
58 L	58 L	69 bar	C-10	7.4 cm	29.0 cm	0.65 kg	0.8 L
100 L	100 L	69 bar	C-10	8.9 cm	32.0 cm	1.1 kg	1.41 L
116 L	116 L	69 bar	C-10	8.9 cm	37.1 cm	1.7 kg	1.5 L
RAL33	940 L	138 bar	CGA	17.5 cm	47.5 cm	6.8 kg	5.7 L

• Please note when mixtures contain a gas with a low compression value the gas mixtures will be supplied at a reduced pressure in accordance with the Compressed Gas Association Handbook.

## CONSTANT FLOW REGULATORS

- The 110 series slimline regulator design is a light weight design suitable for both reactive and non-reactive gases. The internal surface is passivated to prevent gas absorption, giving you the best, unaffected gas quality.
- The On/Off knob is more robust than other portable cylinder regulators. To prevent calibration errors from flow variation, the robust knob has no incremental adjustments. It is either off or on.
- Available with flow rates of 0.25, 0.3, 0.5 and 1.0 LPM.
- Available with a push button for bump testing to reduce bump test time and save gas.



## DEMAND FLOW REGULATORS

- The 310 series demand flow regulator has a sensitive and responsive diaphragm that performs well with most sample drawn instruments and docking stations.
- The passivated internal parts are suitable for use on reactive and non-reactive gases ensuring gas quality is not contaminated.
- A compact and robust design saving space in portable and permanent installations.



## MULTI-FLOW REGULATORS

- The 130 series multi-flow regulator has a dial with 11 different pre-set flow rates enabling one regulator to match the performance of 11 different constant flow regulators. Constant flow options are: 0.3, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 5.0, 6.0, 7.0 and 8.0 LPM
- Perfect for service technicians who calibrate a wide range of fixed and portable gas detections systems.
- The passivated internal parts are suitable for use on reactive and non-reactive gases ensuring gas quality is not contaminated.



## SCIENTIFIC REGULATORS

- Two stage scientific regulators with a range of body materials suitable for an extensive range of applications.
- Stainless steel internals to ensure longevity and reliable performance with no risk of contaminating the gas.
- An extensive range of inlet connections to suit most gas cylinders.
- Outlet accessories including valves, pressure release safety devices and rotometers to select a litre per minute constant flow output.



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