



LIGHTNING CAL™

PORTABLE CALIBRATION GASES



Red Ball Technical Gas Services is excited to introduce our latest line in efficiency-focused products and services!

LIGHTNING CAL™ offers high-quality gas mixtures and portable cylinders manufactured for high accuracy, checked by rigorous quality control processes, and made ready for your every need. Our outstanding products and service aim to help you increase your productivity.

SUFFIX	CONCENTRATION	GAS
1	99.999%	Argon*
2	99.999%	Carbon Dioxide*
3	99.999%	Helium*
4	99.999%	Hydrogen*
5	99.999%	Nitrogen*
6	99.999%	Methane*
7	x= PPM	Ammonia/Air
8	x= PPM	Ammonia/N2
9A	x= PPM	Benzene/Air
9N	x= PPM	Benzene/N2
10A	x= PPM	Butane/Air
10N	x= PPM	Butane/N2
11A	x= %	Butane/Air
11N	x= %	Butane/N2
12A	x= PPM	Carbon Dioxide/Air
12N	x= PPM	Carbon Dioxide/N2
13A	x= %	Carbon Dioxide/Air
13N	x= %	Carbon Dioxide/N2
14A	x= PPM	Carbon Monoxide/Air
14N	x= PPM	Carbon Monoxide/N2
15A	x= %	Carbon Monoxide/Air
15N	x= %	Carbon Monoxide/N2
16	x= PPM	Ethane/N2
17	x= %	Ethane/N2

CONTINUED ON BACK

*Pure gases.

Other blends available on request.

AVAILABLE IN TWO SIZES!

116L

58L



FEATURES & BENEFITS

- Higher Pressure
- High quality gases for reliable calibrations
- Dependable service 24/7
- Fast lead times
- Portable gas cylinders to ship anywhere
- Eco-friendly recyclable cylinders

SUFFIX	CONCENTRATION	GAS
18A	x= PPM	Ethylene/Air
18N	x= PPM	Ethylene/N2
19A	x= %	Ethylene/Air
19N	x= %	Ethylene/N2
20N	x= PPM	Hydrogen Sulfide/N2
20M	x= PPM	Hydrogen Sulfide/Methane
42A	x= PPM	Isobutylene/Air
21A	x= PPM	Methane/Air
21N	x= PPM	Methane/N2
22A	x= %	Methane/Air
22N	x= %	Methane/N2
23	x= PPM	Nitric Oxide/N2
24A	x= PPM	Nitrogen Dioxide/Air
24N	x= PPM	Nitrogen Dioxide/N2
25	x= PPM	Nitrous Oxide/N2
26	x= PPM	Oxygen/N2
27	x= %	Oxygen/N2
28	20.90%	Oxygen/N2 (Zero Air)
29	x= PPM	Pentane/N2
30	x= %	Pentane/N2
31A	x= PPM	Propane/Air
31N	x= %	Propane/N2
32A	x= %	Propane/Air
32N	x= PPM	Propane/N2
33	x= PPM	Sulfur Dioxide/N2
34	x= PPM	Toluene/Air
35	x= PPM	Toluene/N2

LIGHTNING CAL™ PART NO. FORMULATION

The part number formulation is determined by cylinder size, component of interest, and gas concentration. The part number formulation is size-suffix-concentration.

EXAMPLES

PN 58L-21A-5 is a 58 Liter cylinder containing 5 PPM Methane Bal Air
 PN 116L-27-10 is a 116 Liter cylinder containing 10% Oxygen Bal N2
 PN 116L-1 is a 116 Liter cylinder containing UHP Argon.



Av. Tomas Marsano N° 3951, Santiago de Surco
 Lima 15048 - Lima - Perú



LIGHTNING CAL™

PORTABLE CALIBRATION GASES

SUPPLYING YOUR BUSINESS.

FUELING YOUR SUCCESS.

Customized BLENDS

The part number is formulated by using the cylinder size followed by the suffix.

EXAMPLE

PN 58L-104 is a 58 Liter cylinder containing 25 PPM H2S 0.35% Pentane 10% O2 Bal N2

Other blends available on request.



SUFFIX	BLEND
100	100 PPM CO 25 PPM H2S 2.5% CH4 18% O2 BAL N2
101	100 PPM CO 25 PPM H2S 2.5% CH4 19% O2 BAL N2
102	2% H2 (50% LEL) BAL AIR
103	2.5% METHANE (50% LEL) BAL AIR
104	25 PPM H2S 0.35% PENTANE 10% O2 BAL N2
105	50 PPM CO 10 PPM H2S 2.5% CH4 18% O2 BAL N2
106	50 PPM CO 25 PPM H2S 2.5% CH4 12% O2 BAL N2
107	50 PPM CO 10 PPM SO2 2.5% CH4 BAL AIR
108	50 PPM CO 2.5% CH4(50%LEL) 12% O2 BAL N2
109	6% PROPANE (29% LEL) BAL N2
110	60 PPM CO 1.45% PENTANE 20 PPM H2S 15% O2 BAL N2
111	1% CO2 20% O2 BAL N2
132	1.45% CH4 15% O2 20 PPM H2S 60 PPM CO BAL N2



ISO/IEC 17025:2017 & ISO/IEC 9001:2015

Tel: +51-1-7179595 | ventas@intrial.com.pe
www.intrial.com.pe