

Calibration Gas/Marine Span Gas

1 Product Overview



Marine span gas, also known as calibration gas or calibration span gas, is a specialized type of gas mixture used to calibrate and verify the accuracy of gas detection and measurement instruments in marine environments. These instruments are critical for ensuring the safety of personnel, equipment, and the environment on ships, offshore platforms, and other maritime facilities.

2 Key Features



- Mix of key maritime gases (CH4, H2S, CO, O2).
- Precise known concentrations.
- Calibrates gas detectors accurately.
- Ensures safety, compliance, and reliable readings.
- Regular use maintains instrument precision.
- Widely applicable in maritime settings.
- Quality assured by reputable suppliers.

3 Applications & Certifications



ISO Certification
ensures quality production of span gas. ISO 9001 and ISO 17025 are important.



IMO Guidelines
ensure suitable calibration gas for maritime safety.



Dangerous Chemicals Business License
Handling calibration gases, may require permits due to hazards and pressure.

4 Product Specifications/Performance Data

Content of Calibration Gas:

Components	Concentration Range	Balance Gas
CH4	0.5-3.0% (10%LEL-60%LEL)	Air
C3H8	0.22-1.32% (10%LEL-60%LEL)	Air
C2H4	0.27-1.62% (10%LEL-60%LEL)	Air
i-C4H10	0.19-1.14% (10%LEL-60%LEL)	Air
H2	0.2-2.4% (10%LEL-60%LEL)	Air
CO	100-500ppm	Air
H2S	10-1000ppm	N2
O2	1~25%	N2
N2	99.999%	N2
Mixture gas	25ppmH2S+50ppmCO+2.5%CH4+12%O2	N2
Mixture gas	25ppmH2S+100ppmCO+2.5%CH4+18%O2	N2

Product Category : After Market

Calibration Gas Cylinder Specification

Volume (L)	Material	Pressure (Mpa)	Dimension (Height x Diameter)	Cylinder Weight (kg)
1.7L	Aluminum Alloy	3~3.5	365mm x 89mm	0.73
4L	Aluminum Alloy	10	515mm x 140mm	4.6
8L	Aluminum Alloy	10	842mm x 140mm	7.4
40L	Carbon Steel	15	1560mm x 229mm	55
50L	Carbon Steel	20	1740mm x 229mm	65

5 Order Information

Order No.	ITEM
WR.GAS.5010	N2,10L, 99.999%
WR.GAS.5050	N2,50L, 99.999%
WR.GAS.1702	1.7L Span gas, two components
WR.GAS.1703	1.7L Span gas, three components
WR.GAS.1704	1.7L Span gas, four components
WR.GAS.1705	1.7L Span gas, five components
WR.GAS.0102	1L Span gas, two components
WR.GAS.0103	1L Span gas, three components
WR.GAS.0104	1L Span gas, four components
WR.GAS.0105	1L Span gas, five components
WR.GAS.0402	4L Span gas, two components
WR.GAS.0403	4L Span gas, three components
WR.GAS.0404	4L Span gas, four components
WR.GAS.0405	4L Span gas, five components
WR.GAS.0802	8L Span gas, two components
WR.GAS.0803	8L Span gas, three components
WR.GAS.0804	8L Span gas, four components
WR.GAS.0805	8L Span gas, five components
WR.GAS.1002	10L Span gas, two components
WR.GAS.1003	10L Span gas, three components
WR.GAS.1004	10L Span gas, four components
WR.GAS.1005	10L Span gas, five components

Contact Us:

For more information or to place an order, reach out to our dedicated team:
Website: www.wiserisemarine.com
Email: sales@wiserisemarine.com



Shanghai WISERISE Ship Management Co., Ltd
Add: Building 5, No.39 Luda Road, Pudong New district Postal Code, 201322, Shanghai, China
Tel: +86 021 5815 2905



WISERISE MARINE PTE LTD
Add: 1 SCOTTS ROAD, #24-10 SHAW CENTRE, SINGAPORE 228208
Tel: +65 8833 6706 WeChat/WhatsApp/Line: +65 8833 6706