

Marine Air Calibration Gas Cylinders

Portable and large-cylinder filling solutions for marine gas detection, safety inspection and instrument calibration.

Multiple models for calibration needs

10AL

8AL

7HP

Large Cylinders

SEA

Marine focus

Prepared for shipboard gas detection, enclosed-space entry, daily service and safety calibration needs.

MIX

Custom mixtures

Single-gas and multi-gas blends can be supplied according to order requirements.

CYL

More sizes

In addition to portable cylinders, larger refillable cylinders from 2L-50L can be filled on request.



Marine Air calibration gas cylinders are designed for convenient field calibration of portable and fixed gas detectors.

Gas & Safety - Protecting Life at Sea

Brand: Marine Air
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Core offering

Portable cylinders
Regulator matching support
Large cylinder filling

PRODUCT RANGE

Portable Cylinder Range

Three practical cylinder formats for routine calibration, service work and small-volume gas requirements. Final availability may vary by gas mixture, valve configuration and destination rules.

10AL
Aluminium

Higher portable gas capacity for routine calibration work and service teams.



CONTENTS

112 L

PRESSURE

70 bar

VALVE

C10 / 715

8AL
Aluminium

Lightweight, compact aluminium cylinder for portable calibration applications.



CONTENTS

58 L

PRESSURE

35 bar

VALVE

C10 / 715

7HP
Steel

Small steel cylinder for non-reactive gases where compact volume is preferred.



CONTENTS

34 L

PRESSURE

34 bar

VALVE

CGA 600 / 713

Model	Material	Contents	Pressure	Dimensions	Weight	Valve	Type	Availability
10AL	Aluminium	112 L	70 bar (1000 psi)	360 x 90 mm	1.0 kg	C10 / 715	Non-refillable	Global
8AL	Aluminium	58 L	35 bar (500 psi)	362 x 89 mm	0.73 kg	C10 / 715	Non-refillable	Global
7HP	Steel	34 L	34 bar (494 psi)	279 x 76 mm	0.68 kg	CGA 600 / 713	Non-refillable	Global except Europe

V

Regulator matching

- **10AL / 8AL:** commonly paired with C10 / 715-compatible flow regulators such as 700 Series, DFR 2000 Series or trigger-style regulators.
- **7HP:** uses a CGA 600 / 713 connection and is commonly paired with 713-type or DFR 2007-type regulators.
- Exact regulator selection should be confirmed by gas type, required flow rate and instrument manufacturer requirements.

MODEL DETAILS

Model Details

Choose the cylinder format by gas volume, valve connection, portability and destination requirement.

10AL

Aluminium cylinder

Contents: 112 L
Pressure: 70 bar (1000 psi)
Valve: C10 / 715
Type: Non-refillable

Best suited to higher portable gas volume requirements and repeated routine calibration jobs.

8AL

Aluminium cylinder

Contents: 58 L
Pressure: 35 bar (500 psi)
Valve: C10 / 715
Type: Non-refillable

A lightweight portable option for shipboard service kits and everyday instrument calibration.

7HP

Steel cylinder

Contents: 34 L
Pressure: 34 bar (494 psi)
Valve: CGA 600 / 713
Type: Non-refillable

Small steel cylinder for non-reactive gases and compact gas-volume requirements.



Typical applications

Portable gas detector bump tests and calibration | Fixed gas detection service | Enclosed-space entry checks
 Fire & safety system maintenance | Shipyard and onboard inspection support

GAS FILLING CAPABILITY

More Than Small Cylinders

Marine Air can support portable cylinders as well as larger refillable cylinders for higher-consumption customers and shipboard service stock.



CYL

Large cylinder filling

Available on request for larger steel or aluminium cylinders such as 2 L, 4 L, 8 L, 10 L, 20 L, 40 L, 47 L and 50 L. Other sizes can be evaluated by project requirement.

GAS

Common gas mixture options

LEL mixtures, O₂, CO, H₂S, CO₂, SO₂, NO₂, NH₃, H₂, N₂, zero air, balance nitrogen and common multi-gas calibration blends. Customized mixtures can be evaluated by application.

ORD

Order information to confirm

- Gas components and target concentration
- Cylinder size, valve type and required pressure
- Certificate / SDS / labeling requirements
- Delivery destination and transport restrictions

Designed for marine service needs



Shipboard calibration

For gas detector calibration and function checks during routine vessel maintenance.



Safety inspection

For cargo holds, engine rooms, enclosed spaces and safety inspection scenarios.



Service stock

For workshops, service teams and project stock for recurring calibration demand.

Contact: Shanghai Maxone Marine Technology Co., Ltd. | sales@maxonemarine.com | info@maxonemarine.com

Note: Product specifications are reference values. Final supply must follow the confirmed quotation, gas composition, cylinder availability and applicable transport regulations.