



Risk-free Calibration Gas Supply

On time. Every time.



**Tired of chasing quotes,
missed deliveries, and
overpriced calibration gas?**

You're not alone!



The 'dangerous goods' status of calibration gas often leads to slow and unreliable deliveries. But this is not the only issue to plague the calibration gas market.

How frequently do you experience mixture availability issues at dockside? Are you incurring additional costs due to complex customs clearance and inadequate customer service? Are you currently sourcing calibration gas from multiple suppliers to meet your needs? How much time do you waste chasing quotes and delivery updates?

We're committed to making your calibration gas supply effortless. You deserve to get all your calibration gas from a single supplier, with guaranteed quality and excellent advice and support.

**FastCalGas sets the highest gas
production standards in the
calibration gas market and is a
world leader in offering a
27-month manufactured shelf
life on all reactive mixtures.**



Why choose FastCalGas?



Fastest quote and delivery service

We aim to provide quotes within 4 hours, and 98% of FastCalGas orders are shipped within 24 hours.



Longest shelf life in the industry

We use the best quality materials and our reactive gases boast a 27-month shelf life.



ISO 17025 accredited calibration gas

Our quality is backed up by our ISO 9001:2015 certification and ISO 17025 accreditation.



Dedicated Customer Service Specialists

We're experts in calibration gas and offer a fast, friendly and professional service.



Service

Martek's customer service is renowned in the maritime industry, offering technical expertise and proficiency in dangerous cargo handling.



Quality

FastCalGas delivers superior cylinder quality, employing advanced materials and precise mass spectrometer verification. Our commitment to excellence is proven by a 99.993% quality yield, demonstrating our dedication to near-perfect performance.



Compatibility

Guaranteed to be compatible with all the leading brands of gas detectors. With over 100 years of gas detection knowledge and experience, we understand marine gas detection like no one else.



Switching Suppliers

We offer a consultative switching service tailored to your needs. Simply let us know your requirements, and we'll manage the transition seamlessly.

ChromaCalGas

Simplify your Chromatography Gas supply with FastCalGas

Our standard ChromaCalGas mixture is so reliably accurate that it can be used as a benchmarking tool to compare and analyse your bunkered sample against. Thus, making ChromaCalGas an essential tool for dual-fuel LNG vessels reliant on a Chromatography system to calculate the calorific value of the LNG being used as fuel.

Whilst FCG provide a whole host of bespoke mixtures for different purposes, **ChromaCalGas** has been specially developed in line with an increasing demand in the industry for gas composition analysis for both vessels powered by naturally occurring gases and ultra-high purity chemical tankers.



Custom Gas Mixtures

Ensures precise measurements and reliable reporting.



Compliance & Verification

Helps confirm adherence to charter party agreements and regulatory standards when running journeys on LNG fuel.



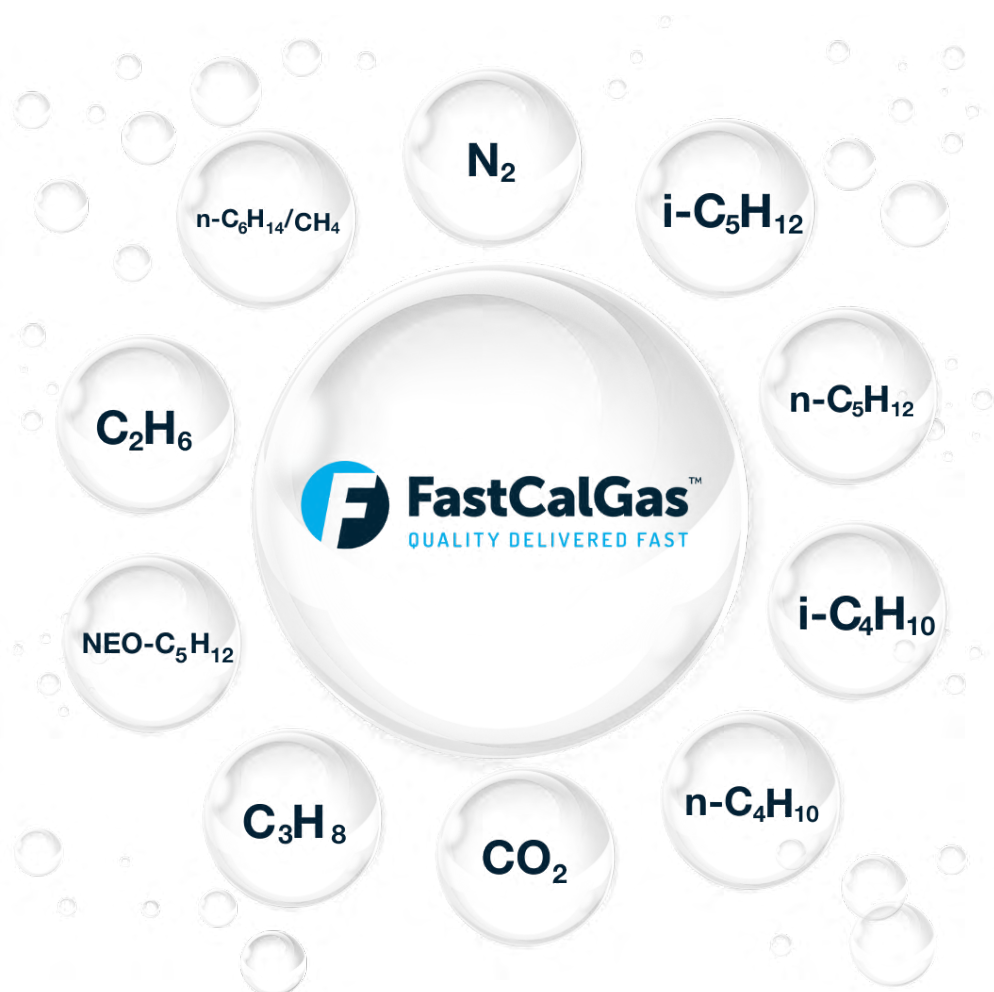
Optimised Cylinder Design

Maintains stability in transit and storage, preventing over-pressurisation.

The Standard for Accuracy

Chromatography is widely used in industries such as pharmaceuticals, forensics, environmental monitoring, and the energy sector to separate and analyse gas components. Our gas mixture ensures that these systems are effectively calibrated, and therefore provide the most accurate readings possible, making it an essential tool for dual-fuel LNG vessels reliant on Chromatography system to calculate the calorific value of the LNG being used as fuel.

We supply our standard ChromaCalGas mixture in a 50L liquid bottle with a BS4 valve, which meets the needs of most dual-fuel LNG vessels. However, we understand that some operators require tailored gas compositions. If your vessel has specialised chromatography requirements, we also offer bespoke gas mixtures designed to your precise specifications.



Scrubber Gas

Navigating the IMO 2020 Landscape with FastCalGas: Your Partner in MARPOL Compliance

Ensure your ship's scrubber system operates at peak efficiency and remains compliant with stringent IMO 2020 regulations. FastCalGas provides high-quality, custom-blended calibration gas mixtures specifically designed for scrubber systems. Our scrubber gas solutions deliver the accuracy and reliability you need for optimal performance and peace of mind.



Calibrate Confidently

Receive precisely blended SO₂ and CO₂ mixtures tailored to your specific EGCS requirements.



Maximise Efficiency

Identify areas for improvement and optimise your scrubber system's performance.



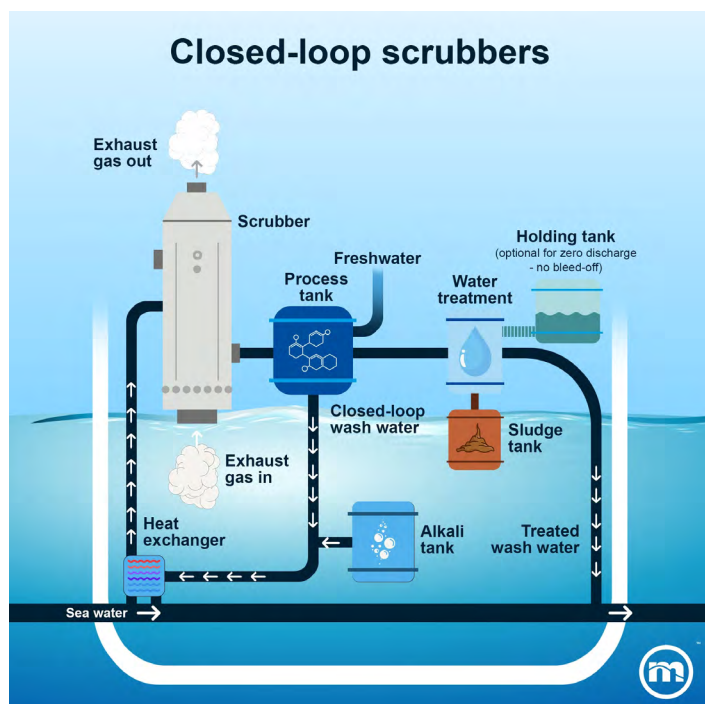
Achieve Compliance

Fine tune your scrubber operations for maximum efficiency and adhere to IMO 2020 regulations.

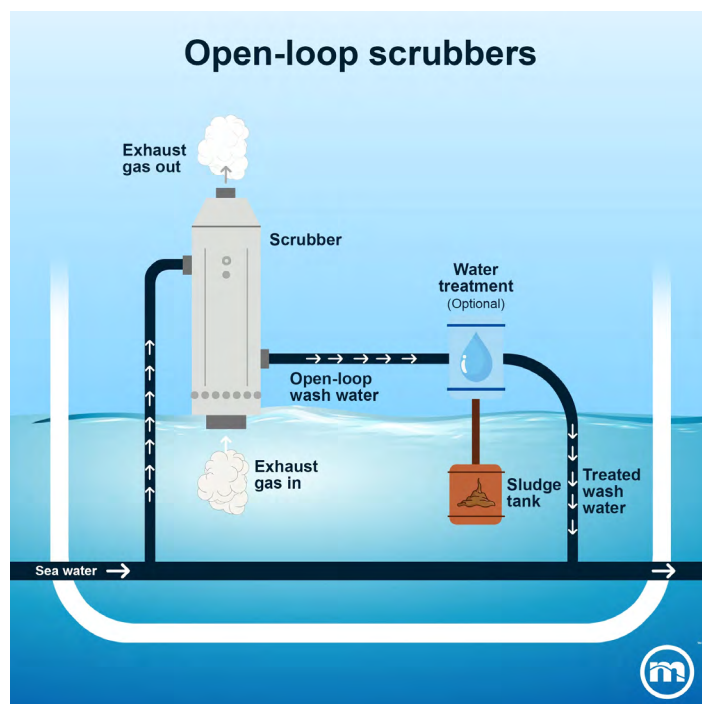
What are Exhaust Gas Cleaning Systems (EGCS) or Scrubbers?

Exhaust Gas Cleaning Systems (EGCS), commonly known as scrubbers, are used to comply with the 2020 sulphur cap regulations. Scrubbers lower sulphur emissions by introducing seawater or freshwater and a caustic chemical into the exhaust gas flow. In this process, pollutants such as sulphur dioxide interact with the alkaline water, forming sulphuric acid. The alkaline water neutralises acidic substances like sulphur dioxide and other pollutants.

What Are the Different Types of Scrubbers?



These systems use fresh water and chemicals like caustic soda to increase alkalinity. The water is recirculated within the system, with periodic purging of a small portion. Accumulated sludge is stored onboard for proper disposal at port facilities.



These systems utilise seawater with a natural alkalinity to neutralise sulphur oxides in the exhaust gases. Once treated, the wash water is released back into the sea as long as it complies with the discharge regulations set by MARPOL.

Do you want to slash your admin costs and save hundreds of hours in labour-intensive logistics?

Imagine this: a last-minute notification that a vessel is low on calibration gas. You're forced to rely on a local supplier. The gas arrives—poor quality, short shelf life—and with delivery, agent, and launch boat fees, you're paying a premium, even for a single bottle.

Chances are you've experienced this before.

There's a better way. The answer is





FastCalGas™ 121

1 ORDER, 2 YEARS' SUPPLY, 1 DELIVERY

FASTER & CHEAPER SHIPPING

Thanks to global stockholding

We hold extensive gas stocks in key markets, enabling us to keep our prices low and supply fast. We'll even hold gas stock on your behalf at any of our global gas hubs.

Global gas hubs:

- Singapore
- UK
- USA

Global gas hub partners:

- UAE
- Netherlands
- Greece
- Cyprus



ACCOUNT MANAGED SERVICE

Let our dedicated account managers handle the entire process from start to finish for the ultimate hassle-free experience.

With all hazardous cargo paperwork taken care of, there is no complicated exchange of communications. Breaking from the norm, we're the only calibration gas supplier offering this unique service.

What gases do we supply?

We supply speciality, calibration, and span gases, available in a variety of cylinder sizes to meet your needs. We can also arrange bespoke gas mixtures making us a truly one-stop-shop for all your gas needs.

Compatibility

Compatibility is guaranteed thanks to the supply of conversion regulators with flexible tubing which 'push-fit' into a range of manufacturer's adapters.

Cylinder disposal

Depending on local availability of services, all gas cylinders are fully recyclable.

To make this easier, we offer a recycling tool to depressurise your cylinders and render them acceptable for recycling.



GAS SHIPPED WITHIN 24-HOURS

98% of gas orders are shipped within just 24-hours.



Can your existing supplier make this claim? Because we've been in the maritime gas supply business for so many years, we know how to ship gas quickly - it's all thanks to super lean order processing, married with an extensive, robust global supply chain.

27-MONTH SHELF LIFE

The longest in the industry.



Our gas lasts longer – FACT! By using the best, high-quality materials, we're able to boast a 27-month shelf life on our reactive gases: the highest in the industry.

Our quality is backed up by our ISO 9001:2015 certification. We've been supplying gas to the key OEMs in gas detection for over 13-years and we're the trusted gas supplier of choice for the major oil and gas companies worldwide. Move your gas supply to us and you'll be in good company!



WHAT DO OUR CUSTOMERS HAVE TO SAY?



*"We chose Martek Marine's FastCalGas service as their knowledgeable and friendly team show a genuine interest in our calibration gas needs and **always offer the best solutions. Not only this, but they are fast to process and ship our orders. We are extremely pleased with Martek Marine and highly recommend their FastCalGas service.**"*

Ioannis Almirantis, Purchaser
Kyla Shipping

*"We chose Martek Marine's FastCalGas service. Their impressive global hub network means they can offer a quick turnaround on supply and delivery, and their dedicated 121 account managers offer a comprehensive and personalised service that couldn't be matched by other companies. **Overall, we are extremely impressed with FastCalGas and would highly recommend their services to anyone looking for a reliable and efficient supplier.**"*

Phil Saxton, Owner
3Bz

*"**Their global network of stocking hubs and close partnership with air freighters enables them to offer a swift and truly world class service.** What's more, their extensive knowledge of seaports means they always offer expert advice. We are always highly impressed with Martek's FastCalGas service and look forward to working with them again in the future."*

Axel Kupp, Purchasing Officer
ZEABORN Ship Management Tanker GmbH & Cie. KG

*"Put simply, **FastCalGas gets to us quicker and is a more reliable service than any other** I've used in my 25+ years working on ships."*

*"**EXCELLENT SERVICE! Been using FastCalGas for the last 12 months.** They've advised me on a number of occasions and their knowledge about gas and hazardous good paperwork is second to none. Always very prompt with delivery & the price is very reasonable too."*

*"Having a fully account managed service has removed the strain from buying gas. I'm no longer buried in hazardous goods paperwork and as a result **gas doesn't gets stuck in customs for days on end. Delivery is fast and reliable...** I wouldn't hesitate to recommend this service."*

*"**Switching to FastCalGas was an excellent move** – good communication, easy to get through to a representative on the phone & email, quick responses and fast delivery... everything I need from a gas supplier."*

*"What a refreshing change! **All promises the FastCalGas team have made have been kept & our gas has not once missed the vessel.**"*

*"**Gas arrives on time, lasts longer & I don't have any complicated paperwork to contend with** – thanks for the great service guys, you're head and shoulders above other suppliers I've used."*

MARTEK MARINE WORLDWIDE

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- **Global network of distributors and service partners**

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Martek Sustainability Statement

We are dedicated to building a sustainable and profitable business while continuing to operate responsibly with honesty, integrity and fairness.

At Martek Marine, we are committed to establishing high ethical standards of behaviour and effective corporate governance. This defines our strategic and financial objectives. Corporate responsibility remains central to delivering our strategy and achieving our success.

We are committed to conducting business in an environmentally responsible manner. We are putting in place processes to understand and address our responsibilities in respect of our operational impacts on the environment.

We aim to reduce the use of replacement parts and calibration to help overcome waste and excessive carbon emission.

Pioneering sustainable and innovative solutions for ship safety, performance and crew welfare.

www.martek-marine.com