

PRODUCT GUIDE

OUR MISSION
To revolutionise **SHIP SAFETY**,
PERFORMANCE and **CREW WELFARE**

iCHART™

ECDIS DIGITAL CHARTS & PUBLICATIONS

Martek offer a full range of AVCS digital charts and publications balancing both cost effectiveness and vessel safety.

- Rapid quote and service delivery
- Personal account service to relieve the administration stress
- Best practice advice to ensure you have what YOU need when YOU need it

AVCS - ADMIRALTY Vector Chart Service

The ADMIRALTY Vector Chart Service (AVCS) has over 14,750 Electronic Navigational Charts (ENCs) and is the most comprehensive, official, digital maritime chart service in the world.

ADP - ADMIRALTY Digital Publications

ADMIRALTY Digital Publications (ADP) contain the same information as their paper equivalents and are widely accepted as meeting SOLAS carriage requirements. They are computer-based applications of the UKHO's market-leading paper-based nautical reference guides - ADMIRALTY Nautical Publications.

e-NP - ADMIRALTY e-Nautical Publications

ADMIRALTY e-Nautical Publications (e-NPs) are the world's leading Nautical Publications available as e-books. The e-books are for the mariner - allowing bridge crews to add NM updates faster and more accurately than paper publications, and giving them easier access to information they need.



NAVGARD™

BRIDGE NAVIGATION WATCH ALARM SYSTEM (BNWAS)

Navgard™ is a complete BNWAS system specifically designed to comply with ALL navigation regulations. It has everything you need to safeguard your bridge with no hidden costs. Don't compromise the safety of your crew and waste time worrying about meeting IMO regulations.

The Navgard™ system comprises of either a bulkhead-mounted or console mounted control panel with an on-board PIR (Passive Infra-Red) movement detector. The system is modular to accommodate any bridge size and layout.

- MED Approved (LR)
- 'Dual Tech' Motion Sensor - Prevents false reset
- Guaranteed to be the fastest, easiest and cheapest, fully installed BNWAS on the market.

MARINE 4™

PORTABLE 4-IN-1 GAS DETECTOR

The Marine 4™ is MED 'Wheelmarked' for use on all vessels with simple 1-button operation. It can be supplied with an optional integral pump with flexibility for pre-entry into deep tanks, holds & void spaces.

- Detects and displays up to 4 gases simultaneously
- 'Crew-safe' sensor technology
- Robustly constructed and built to last on ships
- Bump test with the "ABC" Self-calibration station

A-B-C™

Always-Be-Calibrated

The complete solution for on-board automatic 'bump' testing and calibration for your Marine 4™.

Ability to calibrate and maintain equipment on-board without the need to send ashore, saving on unnecessary calibration costs.

- Fast & simple calibration - 'Bump' tests detectors in thirty seconds
- Automatic calibration after any failed tests or when calibration is due
- Tamper-proof calibration certificate acceptable to Port State Control & Oil Majors
- Uses only minimum amount of gas necessary - saves money on wasted calibration gas from manual testing



MARINE 5™

PORTABLE VOC 5-IN-1 GAS DETECTOR

The Marine 5™ is your solution to multiple gas detection in one portable place. Testing up to five gases, the Marine 5™ brings improved safety and efficiency on-board while reducing operating costs.

- Tailored to detect up to five gases
- Flexible configuration to suit your specification
- On-board datalogging for calibration certificates
- Over 15 plug-and-play smart sensors to choose from



MARINE TANKSCAPE™

INERTED CARGO TANK & CONFINED SPACE GAS MONITORING

The Marine Tankscape™ is versatile yet simple to use. It offers reliable atmosphere monitoring using infra-red technology to detect up to 5 gases simultaneously.

- MED 'Wheel marked' for use on all tankers
- Simple calibration on-board with tamper proof certificate printing
- Minimise tank sampling times using the internal pump with high flow rate
- Enhanced data logging with tank identification to simply analyse results





SHIP SAFETY - FASTCALGAS™

FASTCALGAS™ CALIBRATION GAS

FastCalGas™ is a calibration gas supply service designed specifically to remove the inefficiencies in the buying process, saving you time and money.

- 27 month shelf life on reactive gases– longest in the industry
- Rapid quote and delivery service – 98% of gas orders are shipped within 24 hours
- Personal account service from experts in shipping hazardous goods
- Lifetime 'Customer Happiness Guarantee'



MM2001™

ADDRESSABLE GAS DETECTION SYSTEM

MM2001™ is an intelligent addressable gas detection system designed to provide flammable, toxic and asphyxiant gas detection.

- Guaranteed to be SOLAS and ISGOTT compliant
- Ability to monitor from 1 to 32 addressable sensors
- Built-in internal buzzer alarm for fault/alarm warnings to ensure you never miss a potential problem
- Bespoke system: manufactured in-house by our specialist team of engineers



MM5001™

BALLAST TANK GAS SAMPLING

MM5001™ is a permanently installed, integrated sequential gas sampling system which can be used for detecting and providing alarms in the presence of explosive and toxic gases.

- Easy touch screen navigation
- PLC based - increased reliability and low maintenance
- Smaller systems - lower costs and less space
- Up to 32 sampling points per cabinet and integration of fixed point sensors



VECSAFE™

INERT GAS OXYGEN & PRESSURE MONITORING

Vecsafe™ monitors inert gas oxygen and pressure levels in the Vapour Emission Control Systems (VECS). Each vapour line is monitored during loading operations for any over or under pressurisation, or an increase in oxygen levels approaching 8% volume in compliance with USCG and IMO legislation.

- Simple installation
- Reliable & proven technology
- Large reference list
- Cost-effective system to buy and maintain



EVOLUTION EMS™

EMISSIONS MONITORING SYSTEM



First launched in 1995, Evolution EMS™ has over 7 million engine hours application experience across 600 marine engines.

Fully customisable, Evolution EMS™ can be adapted to individual requirements – allowing you to be in complete control of your emissions monitoring and free to run your ships as you wish.

- All-in-one solution
- Global service and support network
- Fully compliant
- Future-proof*

**Guaranteed to comply with future IMO regulations regarding emissions values*

BULKSAFE™

WATER INGRESS DETECTION SYSTEM (WIDS)

Bulksafe™ is a water ingress detection system (WIDS) for bulk carriers and general cargo vessels. The system comprises of a central Bulksafe™ control and alarm panel interfacing with intrinsically safe MMS900 water level detectors installed in each compartment.

The unique design of MMS900 water level detectors allows them to be installed so that they're totally isolated from the cargo and protected from mechanical damage during cargo operations.

- Type Approved
- Easiest and most compact system on the market to install
- Dust ingress and corrosion proof – built to last





HATCHTITE™

ULTRASONIC HATCH COVER TESTING DEVICE

Hatchtite™ is a lightweight, portable and robust instrument for accurate and reliable cargo hatch cover testing for water tightness on bulk carriers.

- Early detection reduces your cost
- Identify exact location of cargo hatch leaks
- Single crew member operation
- Test your hatches even when carrying cargo

LIFEFORCE® AED

AUTOMATIC EXTERNAL DEFIBRILLATOR

Sudden Cardiac Arrest (SCA) is one of the world's biggest killers and can take ANYONE by surprise.

LIFEFORCE® is specifically designed for the marine environment and was the world's first defibrillator to be Type Approved.

Could you save a member of your team on-board your vessel? You are responsible for protecting the lives of your crew at sea, and you know that a happy and secure crew is a productive one!

- Proven to be the world's simplest AED
- Incredibly safe to use - if no shock is required, it's impossible to deliver one
- Fastest acting defibrillator in the market - 3 minutes
- Durable - tested to IP55 rating and to rugged military standards



DRINKSAFE™
POTABLE WATER TEST KIT

FAST, EASY and meets ALL legislation and flag state requirements - Drinksafe™ gives your crew the tools they require to be fully compliant.



- More for your money - includes more tests as standard than any other kit
- Simplest kit on the market that anybody can use - no glass ampoules or messy Thio-Bags
- Affordable spares - incredibly economical
- Guaranteed compliance - MLC2006, IMO guidelines and flag state requirements



NARCOSCREEN™ DRUG TESTING KIT

Drug use is a well-known and growing problem in the marine industry, raising the risk of negligence leading to the damage of your cargo or even death of your crew.

Narcoscreen™ is truly random, on-the-spot drug testing.

- Fast saliva based testing - more respectful to crew members
- Provides accurate & simple results in 8 minutes
- 80% cheaper than other on-board tests
- 100% tamper proof



ALCO XS™ ALCOHOLIC TESTING KIT

The ALCO XS™ is a unique new marine breath alcohol tester (breathalyser) that never requires re-calibration. ALCO XS™ saves you a fortune compared to your conventional breathalysers which need sending ashore for annual calibration or worse still, annual replacement of the whole breathalyser which is an extreme waste.

- Immediate test results
- Pre calibrated cell so no need to send ashore for annual calibration
- Simplest on-board alcohol testing solution

MARTEK MARINE WORLDWIDE

- Headquarters in the UK
- Asia-Pacific office in Singapore
- Global network of distributors and service partners

Martek Marine Ltd (Head Office)

Adwick Park
Manvers
Rotherham S63 5AB
United Kingdom

Telephone: +44 (0) 1709 599 222
Email: info@martek-marine.com
www.martek-marine.com

Registered in England and Wales – number: 03930003

Martek Marine Asia Pacific

3 Church Street
Samsung Hub
Level 8
Singapore 049483

Telephone: +65 6408 3334
Email: apacsales@martek-marine.com

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