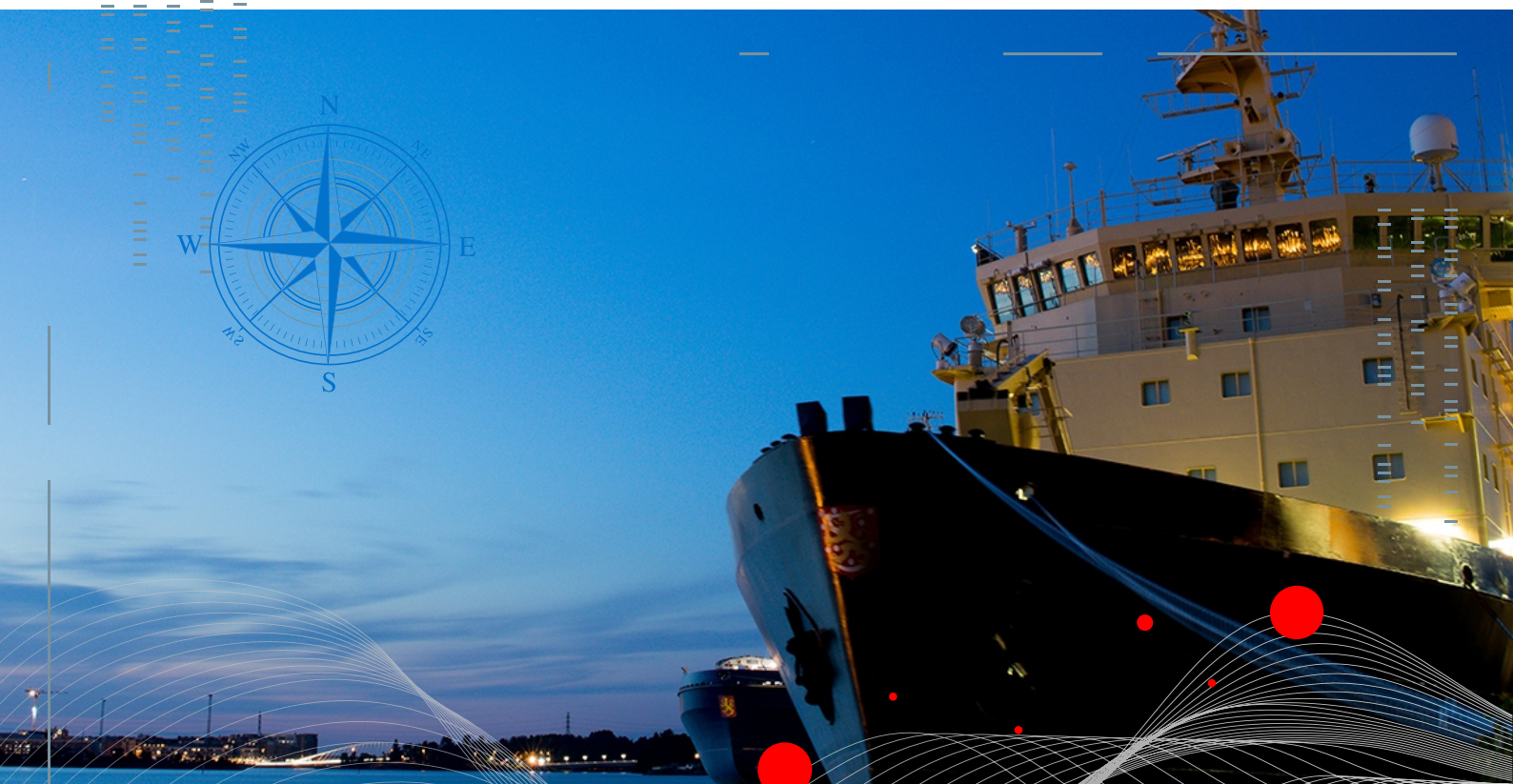




COMPANY PROFILE



YOUR RELIABLE PARTNER



INTRODUCTION

YOUR RELIABLE PARTNER

PT. SINCO AUTOMASI INDONESIA is a comprehensive marine engineering solutions provider to the marine and onshore/offshore Oil & Gas industry in Indonesia.

Emphasising on human capital, Sinco maintains a team of elite workforce to carry out servicing, troubleshooting, calibration, fabrication, product supply/spare parts supply, installation, engineering design and commissioning for instrumentation, automation, hydraulic, valve overhauling and E&I module integration for most marine systems, including maintenance, repair and on-site overhauling for engine, turbine, main & aux. boiler, rewinding, mechanical, electrical etc.

Our team of highly qualified specialist service engineers and skilled technicians, is rigorously trained and continuously upgraded with the ultimate aim of providing value-added solutions to meet the demanding needs of the marine shipping and onshore/ offshore oil & gas industries.

Commissioned a comprehensive workshop facilities in Jakarta, Singapore, Pasir Gudang-Johor Bahru and Taiwan for testing, calibration and repair of electrical, electronic, hydraulic, pneumatic systems and instruments.-



SINCO GROUP OF COMPANIES

SINCO AUTOMATION (S) PTE LTD TAIWAN BRANCH



SINCO AUTOMASI SDN BHD



SINCO AUTOMATION (S) PTE LTD



PT. SINCO AUTOMASI INDONESIA

PT. SINCO AUTOMASI INDONESIA

Address : Rukan Citi Square Business Park Blok H No. 10
Jln. Peta Selatan, Kalideres - Jakarta Barat
DKI Jakarta - Indonesia 11840
Phone / Fax : +62 (0)21-22520368
Email : sales@sincoind.com
Website : www.sincoind.com

SINCO AUTOMATION (S) PTE LTD.

Address : 64, Tuas South Street 5, Singapore 637803
Phone / Fax : +65 6897 9088 / +65 6897 9089
Email : ops@sincoautomation.com

SINCO AUTOMASI SDN BHD

Address : 51, Jalan Masai Utama 1, Taman Masai Utama,
81750 Masai, Johor, Malaysia
Phone / Fax : +607 2552 898 / +607 2555 8981
Email : sales@sincoautomasi.com

SINCO AUTOMATION (S) PTE LTD TAIWAN BRANCH

Address : No. 250, Fenglin 2nd Road, Daliao District,
Kaohsiung City 83157, Taiwan (R.O.C.)
Phone / Fax : +886-7-7873800 / +886-7-7871171
Email : ops@sinco taiwan.com





Company Name : PT. SINCO AUTOMASI INDONESIA
 Address : Rukan Citi Square Business Park Blok H No. 10
 Jalan Peta Selatan, Kalideres, Jakarta Barat
 Provinsi DKI Jakarta - Indonesia 11840
 Phone / Fax : +62-(0)21-22520368
 Email : sales@sincoind.com / admin@sincoind.com
 Website : www.sincoind.com



AKTA PENDIRIAN PERUSAHAAN

No. / Date : 03 / 05 March 2015
 Notaris : MICHAEL, S.H.,S.T.,M.Kn.

AKTA PERUBAHAN TERAKHIR

No. / Date : 65 / 24 April 2018
 Notaris : MICHAEL, S.H.,S.T.,M.Kn.



SURAT KETERANGAN DOMISILI

No. : 94/27.1BU/31.73.06.1001/-071.562/e/2018
 Date : 06 April 2018



SURAT IJIN USAHA PERDAGANGAN (SIUP)

No. : 46/AC.1/31.73.06/-1.824.27/e/2018
 Date : 23 May 2018



TANDA DAFTAR PERUSAHAAN (TDP)

No. : 283/AC.3/31.73/-1.824.27/e/2018
 Date : 25 June 2018



COMPANY OWNER

Mr. Galih Purbalingga (90%)
 Ms. Cahyaning Ratri (10%)

BOARD OF DIRECTOR

Director : Mr. Galih Purbalingga
 Commissioner : Ms. Cahyaning Ratri



NOMER POKOK WAJIB PAJAK (NPWP)

No. : 72.714.962.7-085.000
 Company Name : PT. Sinco Automasi Indonesia
 Tax Office : KPP Pratama Jakarta Kalideres

PENGUKUHAN PENGUSAHA KENA PAJAK (PPKP)

No. : S-68PKP/WPJ.05/KP.0903/2016
 Date : 10 March 2016

KETERANGAN TERDAFTAR PAJAK

No. : S-3956KT/WPJ.05/KP.0903/2015
 Date : 08 April 2015



SURAT KETERANGAN KEANGGOTAAN ASOSIASI

Asosiasi Rekanan Perusahaan Pertambangan Energi Nasional (ARPENA)

Member No. : 011702-02346
 Date : 25 July 2018



Surat Keterangan Kompetensi Usaha dan Kualifikasi Sektor Pertambangan Minyak dan Gas Bidang Pengadaan Barang/Jasa

No. : 02190109.02.0474
 Date : 25 July 2018
 Kode: P.01.04, P.02.03, P.02.04, P.02.06, P.02.07



Surat Keterangan Kompetensi Usaha dan Kualifikasi Sektor Pertambangan Minyak dan Gas Bidang Pengadaan Barang/Jasa

No. : 02190109.02.0475
 Date : 25 July 2018
 Kode : R.01.01, R.01.08, R.05.05, R.07.05.11, R.07.09



OUR MISSION

YOUR ONE-STOP SOLUTION

Our mission is to provide a one-stop solution by offering our worldwide clientele a comprehensive service with the most competitive rates while maintaining a high quality of standard to meet the market demands.

1

Anchorage Repair Services 24/7

2

Service, Repair, Troubleshoot most shipboard systems, Calibration and Certification of Equipment & Instruments

3

Retrofitting & Upgrading with New System Installations including major refurbishment of existing systems

4

General Ship Repair services at local shipyard, ports, anchorage and offshore locations

5

Maintenance, Repair, On-Site Overhauling for Engine, Turbine, Main & Aux. Boiler, Rewinding, Mechanical and Electrical



OUR MAJOR EXPERTISE SYSTEMS / EQUIPMENT

- Hydraulic Valve Remote Control System (VRC)
- Tank Monitoring and Gauging System (Level, Pressure, Temperature)
- Alarm Monitoring Systems
- Fire and Gas Detection Systems
- Crane and Deck Machineries Hydraulic Control Systems
- Boiler Control Systems and Automatic Combustion Control Systems
- Fire Fighting Systems
- Discharge Monitoring Systems - 15PPM Bilge Alarm, ODME, Oil In Water Analyzers
- Safety and Environmental Monitoring System - CEMS & Oil Mist Detection
- Internal Communication and Surveillance Systems - PAGA, Intercom, Auto-Telephone and CCTV
- Conversion to LED Lightings
- General Ship Repair Services



OUR SCOPE OF WORK AND SERVICES

- Retrofitting or Upgrading with New System Installations
- Refurbishment of Existing Systems
- Troubleshoot, Repair, Maintenance and Overhaul of shipboard systems/ equipment
- Calibration and Certification of Equipment and Instruments
- Design and Engineering Works
- Installation, Pre-Commissioning and Commissioning
- Source and Supply Major Equipment and Systems
- Technical Manpower Supply (Local/ Overseas) for Commissioning



OUR CORE EXPERTISE

ENGINE ROOM CONTROLS

- OWS 15PPM Bilge Alarm Monitoring System & Oily Water Separators
- Engine Room Alarm Monitoring Systems
- Temperature & Pressure Control Loops
- Boiler Control Systems & Automatic Combustion Control Systems
- Ambient Oil Mist Detection Systems & Crankcase Oil Mist Detection Systems
- Aux Engine/ Generators Controls & Engine Safety Devices, Load Sharing and Synchronisation
- Control Valves & Valve Positioners
- Vibration Monitoring Systems
- Water Maker – RO Plant and UV Steriliser
- Inert Gas Systems (IGS) and Inert Gas Generators (IGG)
- Incinerator Control Systems
- Bow Thruster Controls and Steering Gear Systems
- Fuel Oil Viscosity Control, Viscosense and Viscosense Systems
- Shaft RPM, Power & Torque Measuring Systems
- Carbon Emission Monitoring System (CEMS)

MAIN & AUXILIARY BOILER

- Feed Pump Control
- Smoke Density Monitoring System
- Soot Blower Control System
- Super Heater Temperature Control System
- Automatic Combustible Control System
- Burner Management Sequence, Alarm & Tripping System
- Atomizing Steam Control System
- Feed Water Level Control System
- Maintenance, Repair, On-Site Overhauling and Recondition



OUR CORE EXPERTISE

ACCOMODATION & WHEELHOUSE AUTOMATION

- Intercoms, Public Address, Talk-Back, Paging Systems
- Auto Telephone Exchange Systems
- CCTV Monitoring Systems
- Sound Powered Telephone & Master Clock System
- Fire Detection Systems & Gas Detection Systems
- CO2 Fire Alarm System
- Bridge Navigation Watch Alarm System (BNWAS)

OTHER SHIPBOARD E&I SYSTEM AND INSTRUMENTATIONS

- Emergency Shutdown Systems (ESD)
- Thermographic Survey of Electrical Systems, Switchgear and Components
- Servicing of Air Circuit Breakers (ACB) and Main Switchboards
- SCADA / HMI / MMI Software & Configuration
- Calibration of various equipment and instruments - Oil Flow Meters, Torque Wrenches, Pressure & Temperature Calibrators
- Hull Protection – I.C.C.P., MGPS and Shaft Earthing Devices



OUR CORE EXPERTISE

MAIN ENGINE & AUX. ENGINE

- Aux. Engine Pneumatic Clutch Control System
- Lub Oil Temperature Alarm Monitoring System
- M/E Exhaust Gas Temperature Alarm Monitoring System, M/E Remote Control System, M/E Telegraph System, M/E Pneumatic Logic Control System
- Piston Cooling Temperature Alarm Monitoring System
- Sea Water Cooling Temperature Control System
- Shaft Generator Control System
- Stern Tube Temperature Alarm Monitoring System

DECK & TANK AUTOMATION CONTROLS AND INSTRUMENTATIONS

- Hydraulic Valve Remote Control System (VRC)
- Deck Hydraulic System - Winches/ Windlasses and Cranes
- Oil Discharge Monitoring System (ODME)
- Cargo & Ballast Tank Monitoring Systems
- Tank Level Gauges, Draft Level Gauges and E/R Service Tanks
- Air Purge Bubbling Tank Level Gauges, Electro-Pneumatic Tank Level Gauges, Mechanical Float Type Level Gauge
- Cargo Tank Pressure and Temperature Monitoring Systems
- Loading Computer
- Actuators – Electric / Pneumatic / Hydraulic
- Safety Valves - Air Release Vacuum Breaker Valve High Velocity P/V Valves
- Fixed Gas Detection and Portable Gas Detection Systems
- Ballast Water Management System (BWMS)
- Tank Systems Hermetic UTI Portable Tank Gauging Equipment
- MMC Sampling Tapes and Sounding Equipment
- Water Ingress System
- Oil In Water Analyzer (OIW) for Produced Water



OUR CORE EXPERTISE

DESIGN, CUSTOM-MADE & FABRICATION

- Instrument Control Console Panel
- Mechanical Linkages, Gear or Mechanism
- Mimic Panel
- Panel's Mounting Bracket
- Custom Made Machinery Parts as per requirement
- Thermowell, and many more.....



IMO SYSTEM REQUIREMENT

- Ballast Tank and Void Space Gas Alarm Monitoring System
- Cargo Tank Pressure Alarm Monitoring System
- COPT Emergency Shut Down Extension to Mid Ship Manifold, P/R Entrance and Bottom Platform
- Cargo Tank High / High High Level Audio & Visual Alarm Extension c/w manual test feature for individual sensing point
- COPT Temperature Alarm Monitoring and Tripping System
- Pump Room Gas Detection System
- Pump Room Lighting & Ventilation Interlock System
- Vapour Recovery System (Vapour Line Pressure & Oxygen Monitoring)



OUR CORE EXPERTISE

GENERAL & OTHERS

- Fire and Gas Detection System
- General Alarm System
- Coil Manufacturing
- Re-Winding Low Voltage (LV) / High Voltage (HV) Generator or Motor
- Re-Isolation High Voltage (HV) Generator or Motor
- OVERHAULING GENERATOR TURBINE
- ASSESMENT GENERATOR MOTOR & TRANSFORMER
- OVERHAULING GEAR BOX & PUMP
- ON-SITE LINE BORING
- LASER ALIGNMENT
- FABRICATION / RECONDITION PARTS
- REBABIT BEARING
- COATING - CERAMIC / FLOOR / FRP
- ON-LINE LEAK SEALING
- DIES CASTING
- HARDCHROME
- HEAT EXCHANGER
- 3D SCANNING INCLUDE DETAIL ENGINEERING DESIGN
- Auto Telephone Exchange System
- Auto Pilot Control System
- Calibration & Certification for Most Types of Instruments
- CCTV Monitoring System
- Intercom & Public Address System
- Navigation Lighting System
- PC Network System
- Tubing Installation & Cable Laying



OUR OTHER SERVICES

FSO / FPSO CONVERSION & OIL RIG

- High Voltage Cables Termination
- Main Switchboard Thermography
- Module E & I Integration
- Process Skid Automation Instrument Installation
- Provide designs according to customer's requirement
- Supply and lay all types of instrument pipeline including hydraulic line
- In-Port & Ex-Port Manifold
- Metering Skid Instruments Installation
- Oil & Gas Burner Conversion
- Provide & Supply Testing Tools, Equipment and Competent Labor
- Re-condition & Certification for existing instrument

LAND BASE & REFINERY AUTOMATION

- Able to supply a team of skill engineers and technicians
- Provide consultation and design compatible or new system for existing machinery
- Provide One Stop undertaking design, solution and installations
- Provide all types of industrial design and costs estimation with solution
- Provide maintenance service, repair and installation for oil & gas refinery, power plant and other heavy / light industries sectors

DECK MACHINERY

- Windlass and Mooring/ Cargo Winches
- Load test of Deck and Engine Room Cranes
- Deck Cranes, Hydraulic Ram, Hydraulic Systems
- Deck Hydraulic Control Systems
- Provide maintenance service, repair and installation for oil & gas refinery, power plant and other heavy/ light industries sectors



OUR LABORATORY AND WORKSHOP

- 3D SCANNERS AND DESIGN SOFTWARE'S
- PNEUMATIC / HYDRAULIC TEST BENCH
- ELECTRICAL / ELECTRONIC TEST BENCH
- CONTROL VALVE HYDRO-TESTING BENCH
- ODME SIMULATOR
- PRESSURE / TEMPERATURE CALIBRATOR
- GAS ANALYZER
- MSB CURRENT INJECTOR
- mA, mV AND ALL TYPES OF HAND HELD EQUIPMENT INCLUDING HAND COMMUNICATOR





OUR PRINCIPAL MANUFACTURERS AUTHORIZED SALES & SERVICE AGENTS AND PARTNERS

SINCO INDONESIA carry a wide range of instrumentation and electrical equipment in stock for immediate delivery, including new equipment, new instruments, new spares and even some reconditioned spares. We are the Authorized After-Sales Service Partner, Authorized Distributor, Agent and/or Supplier of following Manufacturers / Makers :-



OTHER SUPPORTED MAKER / BRAND



Our support : Maintenance / Repair / Calibration / Product Supply (Brand New / Trade-in / Recondition / Refurbished)



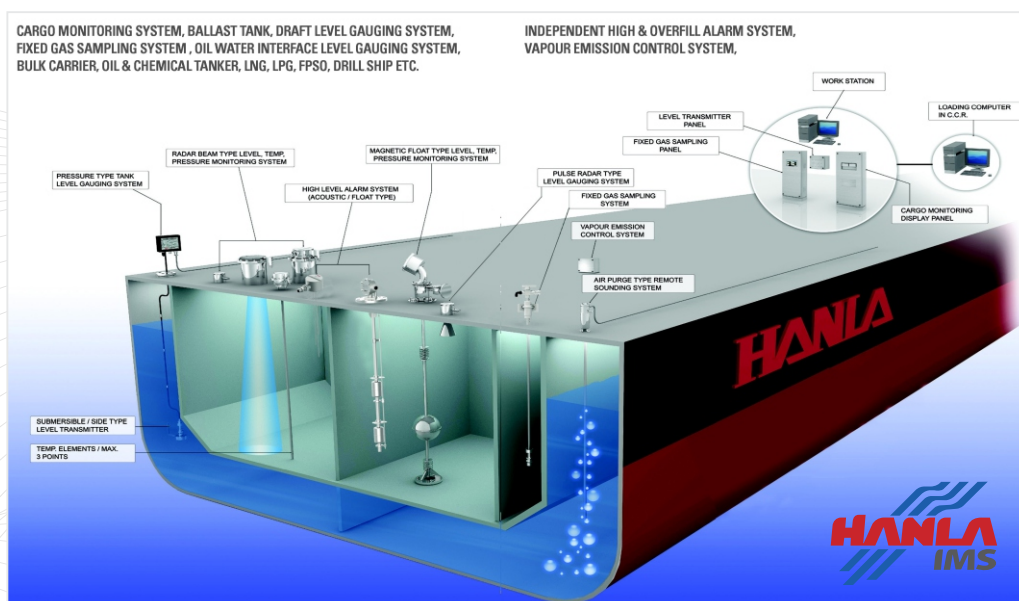
SALES & SERVICE AGENT



A market leader in Korea with 70% - 80% market share

HANLA IMS CO., LTD. is a South Korean-based specialist manufacturer and supplier of marine technology solutions. The Company provides its products mainly to shipbuilders. It distributes its products within domestic market and to overseas markets. The Company's offerings consist of :

- Cargo Tank Monitoring Systems
- Ballast Water Management System (BWMS / BWTS)
- High Level Alarm Systems
- Loading Computer
- Valve Remote Control Systems
- Gas Sampling Systems
- Tank Remote Sounding Systems
- Water Ingress Detection Systems
- Vapour Emission Control Systems
- LED Lightings





SALES & SERVICE AGENT

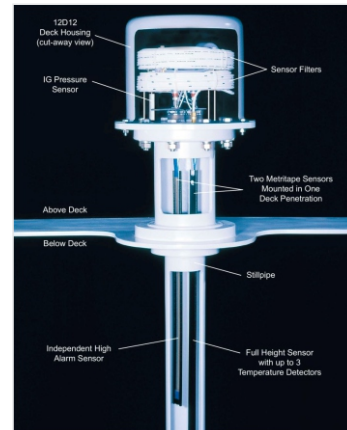


Metritape Tank Gauging System

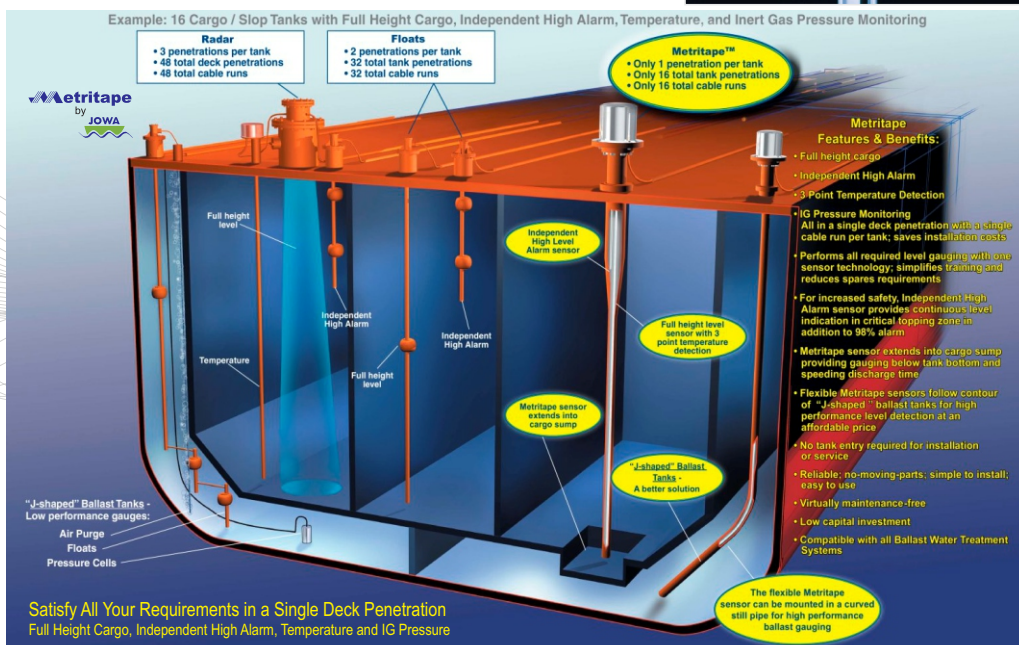
JOWA proprietary Metritape tank gauging system is a non-mechanical, continuous level sensor which offers clear advantages over other level technologies, especially, in thick, sticky liquids that causes mechanical level gauges to seize. With over 30,000 units installed throughout the world, the Metritape resistance-tape level sensor is a proven success.

Metritape
World's only Tank Gauge
that works well with
all BWT systems.

- Vanguard IV Metritape
- Sentry IV Metritape
- DeckMaster IV
- Metricircuit 60.000
- Metrimeter
- Metriguard Tank Monitor -
Water Ingress Alarm System



A truly reliable and easy maintenance tank gauging system using proprietary resistance-type sensors



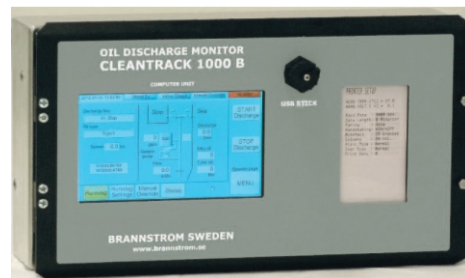


SALES & SERVICE AGENT



BRANNSTROM
SWEDEN

BRANNSTROM is renowned for its Oil Discharge Monitoring Equipment (ODME) CleanTrack 1000 and 1000B, the OWS BilgMon 488 - 15 PPM Bilge Alarm Monitoring Unit, and other product like ODME Bio-Fuel Blends - Upgradation, Ballast Water Treatment System (BWTS), Boss Oily Water Separators, Reverse Osmosis Water Purification System (PETSEARO).



RIVERTRACE

Rivertrace produces a range of products that meet and exceed the I.M.O. resolutions MEPC 107(49) and MEPC 108 (49) relating to water discharges from ships. They are renowned for their Smart Cell Bilge Alarm and Smart ODME. RTE's OCD XTRA – Oil In Water Analyzer accurately measure oil at 0-200ppm in the blackest produced water. Other proprietary products includes SmartSafe Bilge Overboard Security System, Smart 50M & OCD 50M Boiler Condensate / Cooling Water Monitor.



OIL WATER ANALYZER *)
(OCD Xtra)



SMART CELL
(15ppm Bilge Alarm)



SMART ODME

*) Suitable for produced water at Offshore applications



SALES & SERVICE AGENT

**Salwico**

*Consilium is also well known for the brand **Salwico***

Consilium is one of the worlds largest suppliers of Fire and Gas Safety Solution products. Consilium Marine has a big presence in the shipbuilding, shipping and the oil & gas industry. The product range from Salwico consists of Flame Detectors, Gas Detectors, Heat Detectors, Manual Call Points, Multisensors, Bases, Panels, Smoke Detectors and many more. Visit Sinco Indonesia website for more detail.





SALES & SERVICE AGENT

GAS DETECTION SYSTEMS



RIKEN KEIKI offers over a hundred different models of gas detection and environmental measurement products. Riken Keiki instruments are designed and manufactured to respond to diverse industrial requirements and applications. Customers rely on them to detect and prevent disasters rapidly and precisely.

MAJOR SALES ITEMS :

- Gas detection and indicator alarm system for continuous monitoring
- Portable/personal gas monitor
- Portable gas leak checker
- Entrusted experiment for measurement of leaked gas diffusion
- Toxic gas monitor/indicator alarm unit
- Oxygen monitor alarm system management

FIXED GAS DETECTION



- Portable combination gas monitor
- Optical gas indicator gas detection tube
- Auto-emission analyzer
- Surface analyzer (Photoelectron spectrometer)
- Gas indicator for medical use
- Portable salinity analyzer 'SALCON'

PORTABLE / PERSONAL GAS DETECTION





SALES & SERVICE AGENT

OIL MIST DETECTOR & SHIP EFFICIENCY MANAGEMENT SYSTEM



SPECS Corporation was established 1970 as a leading technology company serving the maritime industry, developing a range of technologies from oil mist detection system to ship efficiency management systems.

COMD - Crank case Oil Mist Detection System

Crank Case Oil Mist Detection System – COMD Measures oil mist inside engine crank chambers. When the concentration of oil mist exceeds the set value, an alarm is triggered to prevent the risk of engine explosion.



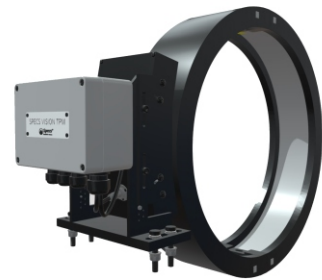
AOMD - Atmospheric OMD System

Atmospheric Oil Mist Detection System – AOMD Measures oil mist in engine room and the other places where oil-using machines are located. When the concentration of oil mist exceeds the set value, an alarm is triggered to prevent the risk of engine explosion.



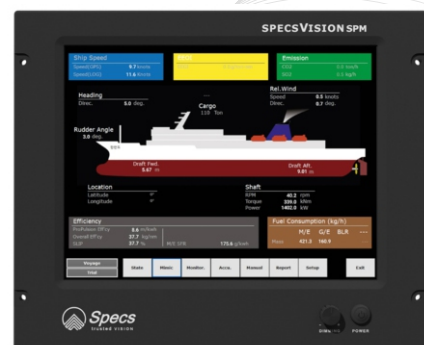
TPM - Shaft Torque Power rpm Meter

Shaft torque power RPM meter – TPM Measures propulsion shaft distortion and manages ship efficiency.



SPM - Ship Performance Monitoring System

Ship performance monitoring system – SPM collects and analyzes various real time data generated from marine vessels. SPM system ensures that shipping companies can monitor the collected data in real time from onshore.



BWM - Bearing Wear Monitoring System

Bearing wear monitoring system – BWM Detects the wear of bearing inside an engine and sets off an alarm.



SALES & SERVICE AGENT



A Market Leader in Korea MARINE BOILERS



MARINE BOILERS

- Cylindrical Pin Tube Type Auxiliary Boiler
- Cylindrical Pin Tube Type Composite Boiler
- Two Drum/ Horizontal Type Auxiliary Boiler
- Exhaust Gas Economizer



IGG / IGS / N2 GENERATORS

- Inert Gas Generator
- Inert Gas System
- N2 Generator

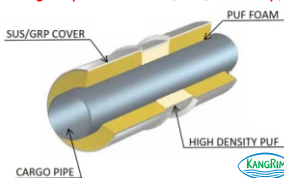


CRYOGENIC INSULATION

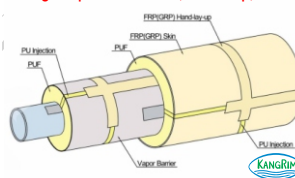
- Cryogenic Tank Insulation
– GTT Mark Flex / Mark III / NO96
- Cryogenic Pipe Insulation: 1) LNG Cargo Pipe Insulation; 2) LPG & Ethylene Cargo Pipe Insulation



Cargo Pipe Insulation (LPG/LEG Ship)



Cargo Pipe Insulation (LNG Ship)





SALES & SERVICE AGENT

Specializes in Actuators & Flow Controls

ROTORK specializes in Actuators and Flow Control where the flow of gases or liquids needs to be controlled.

rotork®

Rotork Controls : Electric Actuators & Control Systems.

Rotork Fluid System : Pneumatic & Hydraulic Actuators and Control Systems.

Rotork Gears : Gearbox Assemblies and Valve Adaptation Kits.

Rotork Instruments : Pressure & Flow Controls Instruments.



Intelligent Electric Actuators



Compact Pneumatic Actuators



Heavy Duty Subsea Gearbox

Precision Pneumatic & Motion Controls (Rotork Fairchild)

- Electro-Pneumatic Transducers
- Pressure Regulators
- Pneumatic Relays
- Volume Boosters
- Accessories

FAIRCHILD
precision pneumatic & motion control



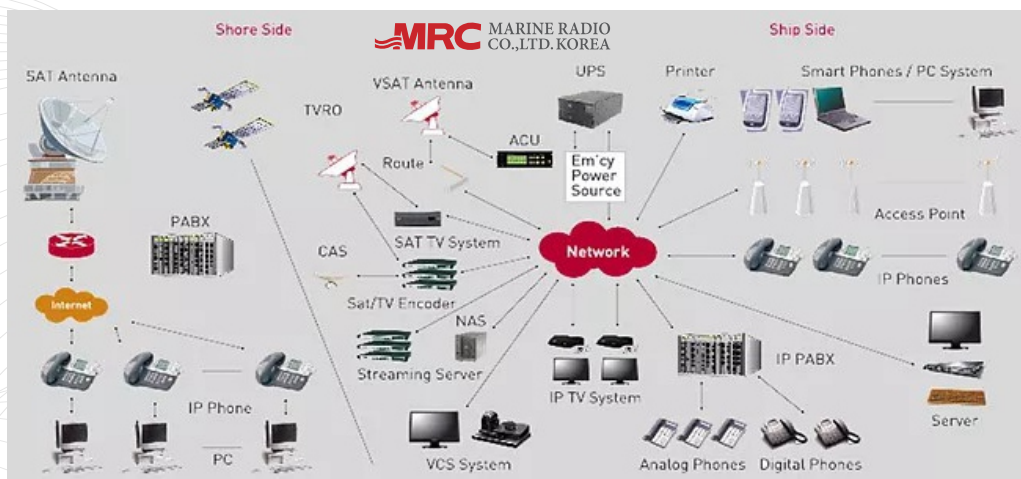


SALES & SERVICE AGENT

A market leader in Korea with 75% market share

- PA/GA System
- Talk Back System
- Auto Telephone Ex. System
- Common Battery Telp. System
- Sound Powered Telephone System
- Intrinsically Safe Telephone System
- Communal Aerial System
- Marine Master Clock System
- Network Time Protocol Server System
- Sound Reception System
- Paging System and Ex Type Speaker
- CCTV System
- Ship's Network(Computer) System - Network Application for Ship (PC Network, Telephone, Internet, VOD, VCS, CCTV, Etc.)
- VSAT Communication System and SAT TVRO System
- Digital Infotainment System (DIS) - Digital Network Solution (IP/Wi-Fi & soft phone, CCTV, IPTV, PC & wireless network and servers)
- Integrated Bridge System (IBS)

MRC MARINE RADIO CO.,LTD.KOREA





SALES & SERVICE AGENT

SHIPBOARD FIRE FIGHTING SYSTEM

A Market Leader in KOREA

- Alu/ Steel Helideck c/w Fire Fighting System
- CO2 System - High & Low Pressure
- Water Mist
- Automatic Sprinkler Extinguishing System
- Hi-Expansion Foam Extinguishing System
- INERGEN - Alt to Halon (52% N2, 40% Argon, 8% Carbonic Acid)
- NOVEC
- Dry Powder Extinguishing System
- Fire Hose and Ancillaries
- Gas Supply Equipment
- Water Spray Extinguishing System
- Safety and Rescue Equipment



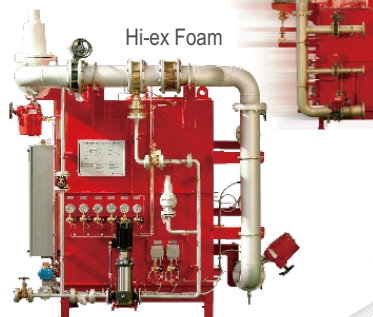
NOVEC



INERGEN



Dry Powder



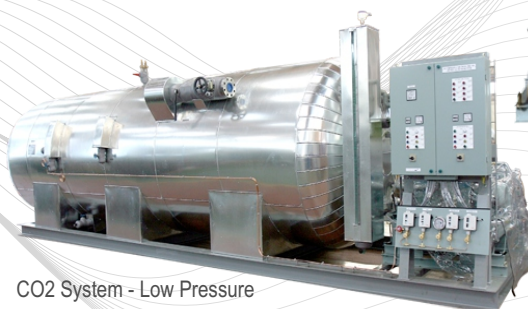
Hi-ex Foam



Water Mist



CO2 System - High Pressure



CO2 System - Low Pressure

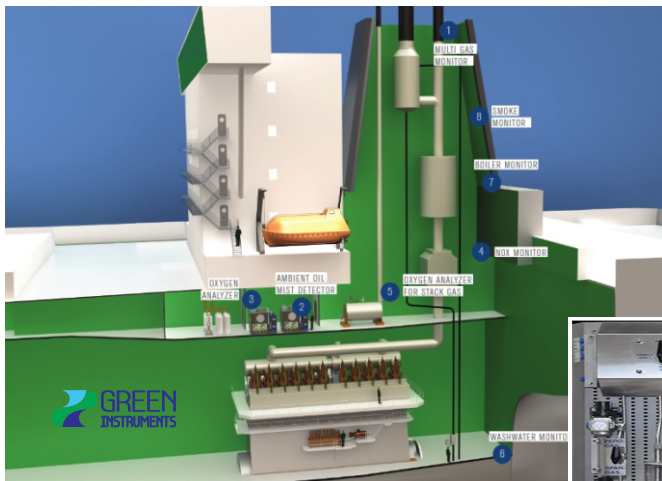


SALES & SERVICE AGENT



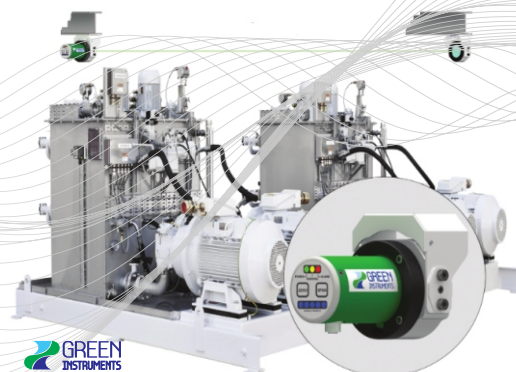
GREEN INSTRUMENTS is a global company that specializes in measurement and analysis technologies for the marine industry. They develop and manufacture

instruments and control equipment for emission control, water and gas analysis, hazard detection and machinery protection.



KEY PRODUCTS

- Ambient Oil Mist Detection System
- Smoke Density Monitor
- Inert Gas Oxygen Analyzer
- Oxygen Analyzing System fro N2
- Stack Gas Oxygen Analyzer System
- NOx/O2 Analyzing System
- CEMS - Carbon Emission Monitoring System - Data Reporting System
- Exhaust Gas Economizer Monitor
- Oil Fired Boiler Monitor





SALES & SERVICE AGENT

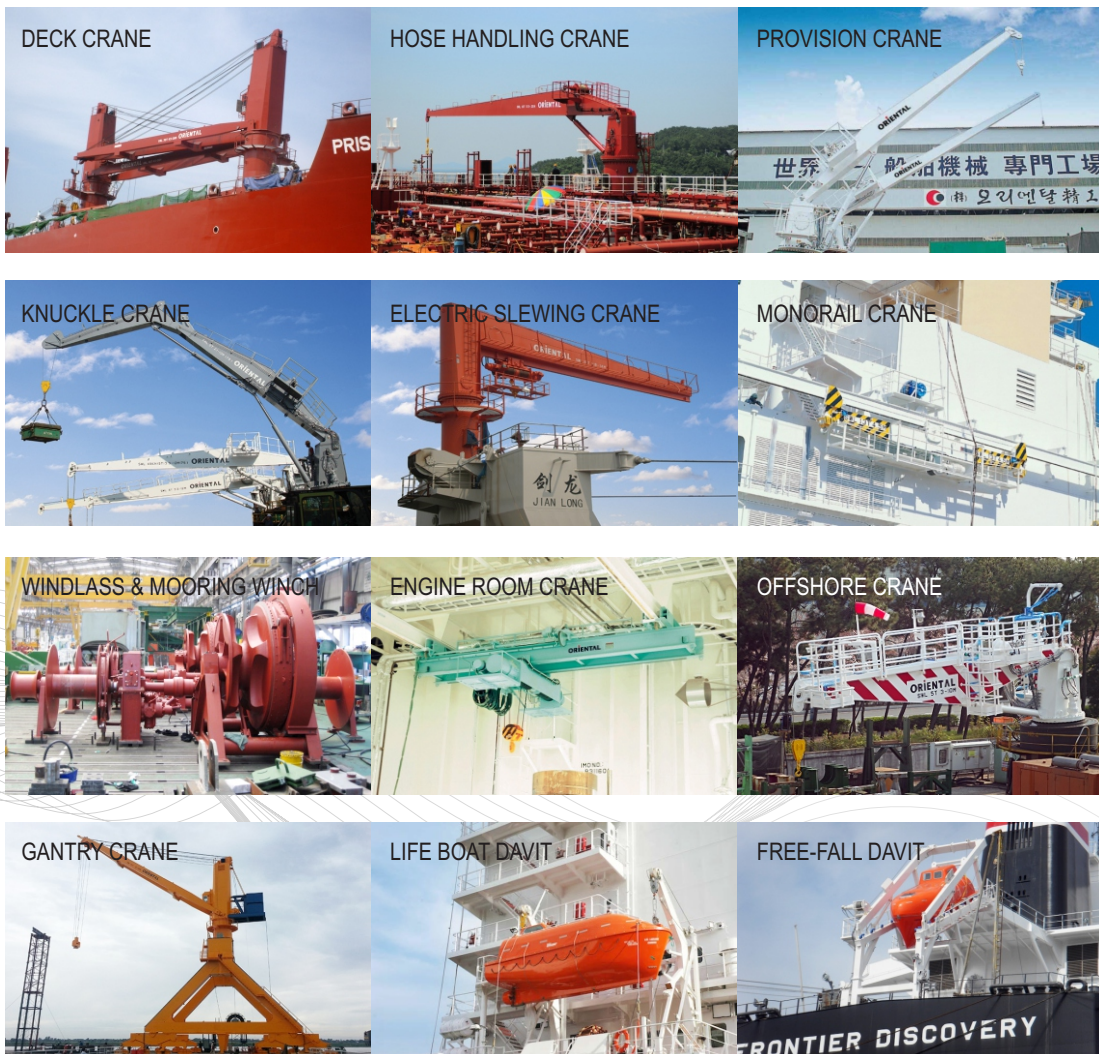


PRECISION & ENGINEERING CO., LTD.



ORIENTAL INSPECTION & SERVICE Co.

CRANES AND CRANE CONTROL SYSTEM ANNUAL SERVICING AND INSPECTIONS





SALES & SERVICE AGENT

WATER MANAGEMENT SOLUTIONS

- Ultra-Violet Disinfection System (UV Sterilizers)
- Membrane Filtration Sea Water R.O. Systems
- Ballast Water Management System



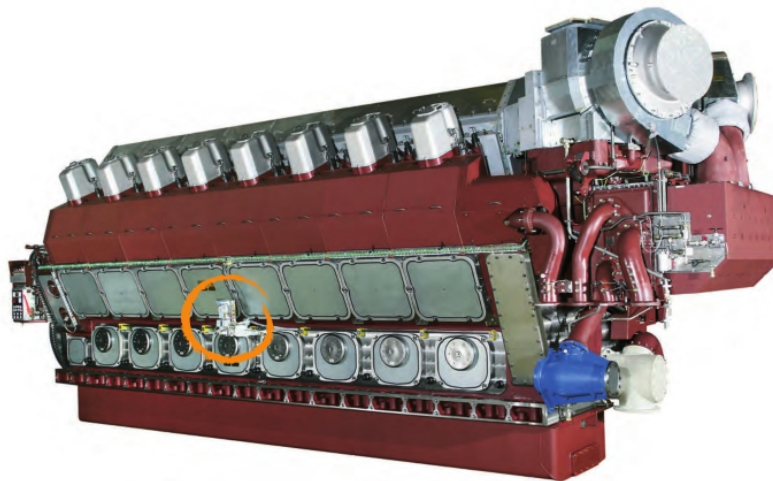


SALES & SERVICE AGENT



**Maximum Safety
for large engines**

The specialist for oil-mist detectors for diesel and dual-fuel engines from size 2 MW and above. SCHALLER systems have been used by some of the most prestigious engine manufacturers in the world since 1968 – 50.000 times to date.



CRANKCASE OIL MIST DETECTION SYSTEM

Diesel Engine Monitoring and Security
Protection System

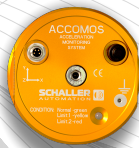
- Preventive System and Cognitive System



Visatron VN115/87 plus



Visatron VN301 plus



ACCOMOS

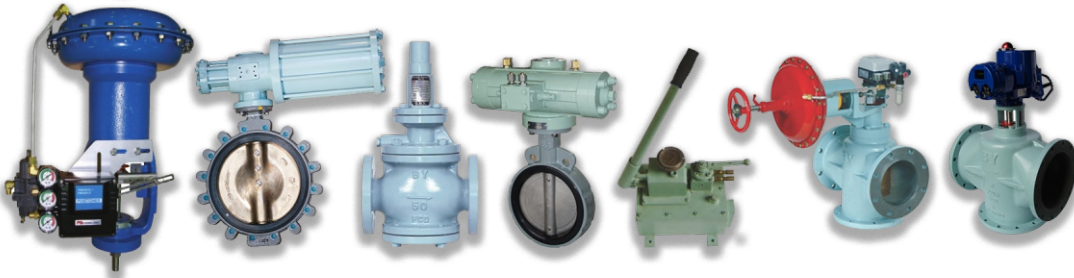




SALES & SERVICE AGENT

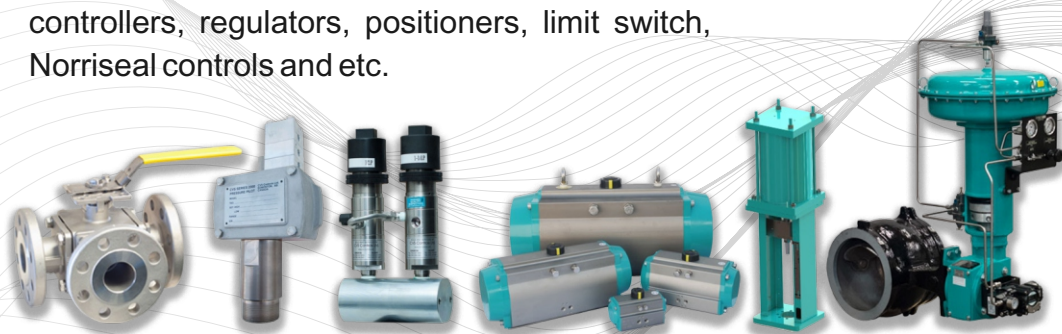


By Controls has long history manufacturing Control Valves, Regulating & Safety Valves, Pressure Reducing Valve, Temperature Regulating Valve, safety & Relief Valve, Hydeck Manual Hydraulic Remote Control Valve operating System, EPCON electro-pneumatic controller, Container Spreader, Watertight Sliding Door, Pilot Door, Engine Top Bracer and Valve Remote Control System (VRC). Their VRC includes Hydraulic Power Unit, Solenoid Valve Cabinet, Control Console, Butterfly Valve, Hydraulic Actuator and Emergency Hand Pump.



CVS Controls manufactures Control Valves and associated instrumentation products to specification that facilitate the direct replacement with FISHER process control equipment. The key products are Control Valves, ESD, actuators, controllers, regulators, positioners, limit switch, Norriseal controls and etc.

CVS
CONTROLS





SALES & SERVICE AGENT

World's leading manufacturer of
Dewpoint Meters, Hygrometers
and Moisture Analysers



Since 1960, Shaw Moisture Meters has been at the forefront of hygrometer design and manufacture and is a globally recognised leader in trace moisture measurement.





SALES & SERVICE AGENT



A complete range of test and maintenance equipment for smoke, heat and CO detectors

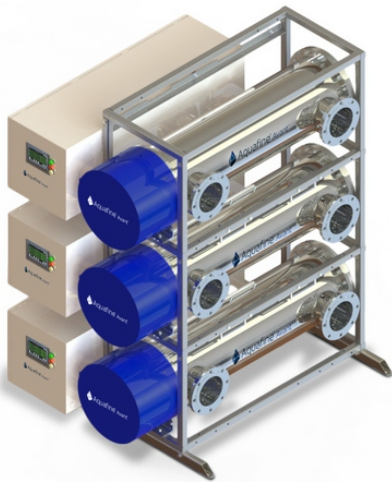
Fire detector test and service equipment must be safe both for engineer and system. As a minimum it must comply with international codes and standards and be approved / endorsed by detector manufacturers and third party listing agencies but it also needs to be cost-effective, portable and versatile.

The SOLO range meets all of these requirements





SALES & SERVICE AGENT



UV does not “add” anything to the water stream such as undesirable color, odor, chemical, taste or flavor – nor does it generate any harmful by-products. UV only imparts energy to the water stream in the form of ultraviolet light in order to inactivate microorganisms and reduce chemical compounds in the water.



Daniamant

Be safe at sea



Daniamant offer various of products i.e. Lifejacket Lights, Lifebuoy Lights, Liferaft Lights, Lifeboat Lights, LED Flares, Salinometer for Fresh Water, Boiler System and Ballast Water Treatment System (BWTS), Oil Level Alarm for Boiler System, Forward Looking Sonars, Electronic Inclinator and Bridge Navigational Watch Alarm Systems.



SALES & SERVICE AGENT



Fire Detection Systems

MARINELEC Technologies is a specialist of electronic safety equipments for the maritime sector. Marinelec Technologies has a great experience of the maritime sector, an electronic and data processing know how as well as a knowledge of regulation, especially for installations supervised by Classification Societies. Marinelec Technologies design and manufacture alarm systems for all type of vessels :

- Fire Detection
- Tank Level Measurement and Detection
- Navigation Light Panels
- Alarm - Bilge Detection
- Alarm & Monitoring Systems
- Emergency Telegraph
- Bridge Watch Alarm System
- Energy Management
- Specific Products on Request



- A leading Korean manufacturer with patent for Fire and Gas Detection System with two-way communication function for dangerous areas.
- Obtained SIL-2 Certificate



SALES & SERVICE AGENT

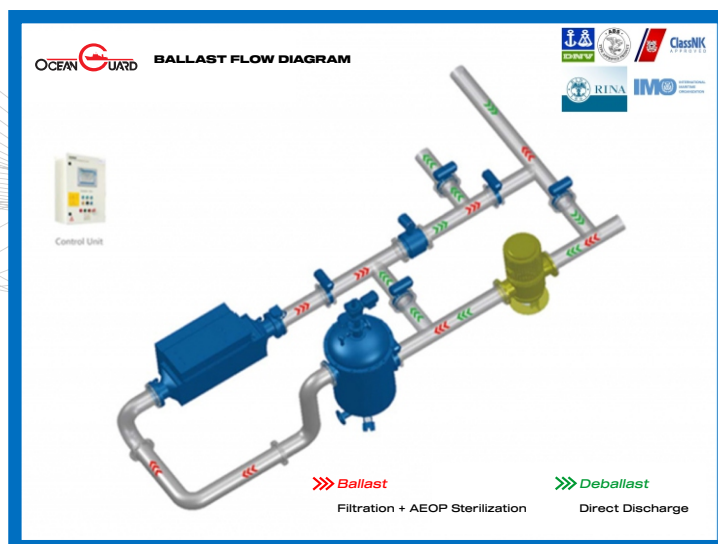
Headway OceanGuard® Ballast Water Management System [BWMS]



OceanGuard Ballast Water Management System was developed by Headway Technology Co. Ltd. together with Harbin Engineering University.

OceanGuard uses Advance Electrocatalysis Oxidation Process (AEOP) to eliminate microbes, bacteria, viruses and dormant ovum in water. Hydroxyl radical ($\cdot\text{OH}$) produced in AEOP process is one of the most active substances with a very strong oxidizability.

The end products of reaction are CO_2 , H_2O and traces of inorganic salt without any hazardous residuals. Therefore, the treated water can be discharged out of board without any pollution.



Ballast

Filtration + AEOP

Deballast

Direct Discharge



RECONDITION / REFURBISHED PRODUCTS / SPAREPARTS

[AFFILIATED / NON AFFILIATED]

We here at Sinco understands the ever changing technology which has led to the discountinuation and obsoleteness of many component and instruments in today's market.

Through our Business over the years, we have amassed various used equipment. Repaired, Renewed and Re-calibrated them, ready to be used as direct replacements to serve as an alternate solution for our Customer's needs. Providing a cost effective option against procurement/ changing of new equipment or systems. Some of the equipment in our stockpile :-

- | | |
|------------------------------|-------------------------|
| ▪ AIR CIRCUIT BREAKER | ▪ PLC / PROG.CONTROLLER |
| ▪ AIS | ▪ PRESSURE REGULATOR |
| ▪ BILGE ALARM (15PPM) | ▪ PRESSURE SWITCH |
| ▪ CONTROLLER : | ▪ PUMP |
| - ELECT. CONTROLLER | ▪ RADAR |
| - ELECT. PRES. CONTROLLER | ▪ RECORDER |
| - PNEU. PRES. CONTROLLER | ▪ RELAY |
| - PNEU. RECV. CONTROLLER | ▪ SAFETY BARRIER |
| - PNEU. TEMP. CONTROLLER | ▪ SALINOMETER |
| ▪ CURRENT TO PRES. CONVERTER | ▪ SEPARATOR |
| ▪ ECHO SOUNDER | ▪ SIGNALLING DEVICES |
| ▪ GAS DETECTOR | ▪ SOLENOID VALVE |
| ▪ GAUGE | ▪ TEMP. CALIBRATOR |
| ▪ GOVERNOR | ▪ TEMPERATURE SWITCH |
| ▪ GPS NAVIGATION | ▪ TRANSDUCER |
| ▪ LEVEL SWITCH | ▪ TRANSMITTER |
| ▪ ODME | ▪ MMC / UTI |
| ▪ OIL MIST DETECTOR (OMD) | ▪ VDR / S-VDR |
| ▪ OXYGEN ANALYZER | ▪ VISCOSITY SYSTEM |
| ▪ OIL MIST DETECTOR | ▪ VOLUME BOOSTER |
| ▪ POSITIONER | ▪ WINCH |
| ▪ POSITIONER | ▪ And many more... |



CALIBRATION GASES

AFFILIATED / NON AFFILIATED



SINCO also supplier for calibration gases in non-refillable cylinders and accessories. Our extensive range of ex-stock gas mixtures and accessories supports calibration and bump test requirements for all major brands of gas detectors and gas monitoring systems.

Calibration Gas/ Span Gas in non-refillable cylinders is widely used on gas detectors during calibration and bump test. These periodically conducted tests ensure accuracy in device, vital in measurements and monitoring of potentially lethal gases in all kinds of workplace. The portability of

these span gas cylinders makes them perfect for on-site jobs. They provide outstanding quality, performance, value and also eliminate cylinder rental and demurrage charges. We also supply a wide variety of gas detection tubes and other gas accessories.

Beside calibration gas/ span gas with Non refillable cylinder (NRC), flow regulators also play an essential role during calibration/ bump test, they ensure correct amount of gas to be released for optimized test result and prevent damage of equipment.





RECONDITION / REFURBISHED PRODUCTS / SPAREPARTS

[BASE ON MANUFACTURER / BRAND]

ABB	AirCom	ALFA LOM	AMETEK	AUTRONICA	azbil
BRANNSTROM SWEDEN	CATERPILLAR	Cummins	DAIHATSU	DAIICHI NEKKEN CO.,LTD.	Danfoss
DECKMA HAMBURG	EAT•N	EMERSON	Endress+Hauser	フェロ工業株式会社 FELLOW KOGYO CO.,LTD.	FineTek
FISHER-ROSEMOUNT	FOXBORO	FE Fuji Electric	FURUNO	GRAVINER	N HEADWAY
Honeywell	idec	JOWA	JRC	KAWASAKI HEAVY INDUSTRIES, LTD.	KLAY-INSTRUMENTS
KODEN Koden Electronics Co., Ltd.	KONGSBERG	KVERNER	marpoil	MITSUBISHI HEAVY INDUSTRIES	M.M.C
MTL MTL Instruments	MUSASINO	NAGANO KEIKI	NAKAKITA	NGK INSULATORS, LTD.	NORDIC Group Limited
OMRON	PEPPERL+FUCHS	PG POWER-GENEX	PR electronics	RIKEN KEIKI	RIVERTRACE
RONGDE	ROSEMOUNT	SAMI	SASAKURA ENGINEERING CO.,LTD.	SaltControl	SCHALLER AUTOMATION
Schneider Electric	SEILSERES CO., LTD.	SERVOMEX	SHIMADZU	SHINKO IND. LTD.	SIEMENS
Sika	SIRCO CONTROLS LTD.	smar Technology Company	SVC	SPRIANO TECHNOLOGIES	STAHL
STIKO	SUMITOMO ELECTRIC	TAIKO	TELEDYNE TECHNOLOGIES INCORPORATED	TERASAKI	TKT TANKTECH
TOKIMEC	TOKYO KEIKI	TOMOE	trafag sensors controls	Uni-Safe Electronics a/s	VAF
WILDEN	YAMATAKE	YOKOGAWA			

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