

LABORATORY FURNITURES & EQUIPMENTS

CATALOGUE

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Essential products for vessels handling high-risk substances such as FPSO, LPG and LNG



2024 It is produced
by KME Co., Ltd



Company introduction

· History

2025 09 **HULE Electrical** sole agency in South Korea.

03 **CHANGZHOU Marine Cable** sole agency in South Korea.

2024 12 **Kaune** sole agency in South Korea.

07 **Astro** sole agency in Marine Segment.

07 **B-15 class back box** achieves BV Certification for fire protection.

2023 12 Registered vendor to **KANGNAM** Shipbuilding.

09 Registered vendor to **MODEC**.

08 Registered vendor to **SEATRIUM**.

03 Establishment of **Unit Toilet Factory**.

2022 05 Registered vendor to **HSG Sungdong** Shipbuilding.

04 Acquired ISO 45001:2018 certification.

Registered vendor to **DAE SUN** Shipbuilding & Engineering Co., Ltd.

02 Registered vendor to **Hyundai** Heavy Industries.

2021 09 Registered vendor to **Zvezda** Shipbuilding in Russia.

06 Development of **GRP Ex Junction Box** certification completed.

2020 06 Registered vendor to **Hanjin** Heavy Industries.

2019 10 Registered vendor to **Hyundai Mipo** Dockyard (HMD) Co., Ltd.

2014 06 Registered vendor to **DAEWOO** Shipbuilding & Marine Engineering Co., Ltd.

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2013 10 Registered vendor to **SAMSUNG** Heavy Industries Co., Ltd.

2009 02 **Established KME Co., Ltd.**



※ For more information visit h-kme.com

· Location



Busan (Head Office)

29, Nakdong-daero 1302 beon-gil,
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Gimhae (Office/factory)

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Leading Company in Maritime Safety

KME is a leading provider of safe and reliable laboratory equipment for the maritime industry, supplying essential equipment for vessels handling flammable materials such as LPG, LNG, and FPSO to ensure safety and efficiency. High-quality laboratory equipment supports safe operations, and KME offers customized solutions to meet the safety standards of the maritime industry.



Necessity of Laboratory Equipment

Vessels engaged in the drilling and transportation of high-risk substances such as FPSO, LPG, and LNG require chemical stability and quality maintenance.



Safety Management

Laboratory equipment helps to inspect the chemical properties of materials and safely store and manage them, minimizing risks.



Efficient Work Management

Analyzing drilling fluids and gas components ensures the efficiency of drilling and production processes.



Environmental Protection

Analyzing exhaust gases ensures compliance with environmental regulations and takes necessary measures to protect the offshore environment.



Description of Key Equipment

- List



Fume Cupboard

Equipment that safely handles harmful gases and vapors, minimizing risks during experiments.



Safety Cabinet

Safely stores chemicals, reducing the risk of fire or explosion.



Chemical Storage Cabinet

Essential equipment for safely storing chemicals and preventing chemical hazards during work.



Emergency Shower & Eye Washer

Equipment designed for immediate response in emergencies, helping to quickly address exposure to harmful substances.



Description of Key Equipment

· List



Lab Furnitures

Durable laboratory furniture that optimizes the working environment and enhances experimental efficiency.



Lab Sink, Valve & Tap

Equipment that enables efficient water management in the laboratory, assisting in the supply of necessary water and the disposal of wastewater during experiments.



Acid & Base Cabinet

It is a specialized storage unit designed to safely store hazardous chemicals such as acids and bases.



Gas Chromatography

Accurately analyzes gas components to verify the safety of high-risk substances.



Description of Key Equipment

· List



Incubator

Used to control temperature for the cultivation or storage of biological samples.



Tittrator

Precisely measures the acidity and chemical components of fluids to enhance experimental accuracy.



Density Meter

Measures the density of fluids or gases to analyze the properties and quality of materials.



pH Meter

Accurately measures the pH of liquids to analyze and manage their chemical properties.



Description of Key Equipment

· List



Spark Free Refrigerator

A device designed to prevent internal electrical sparks, used in laboratories or environments handling hazardous materials.



Water Purification System

A system that removes impurities from water using filters, ion exchange, and reverse osmosis (RO), essential for various laboratory and production processes.



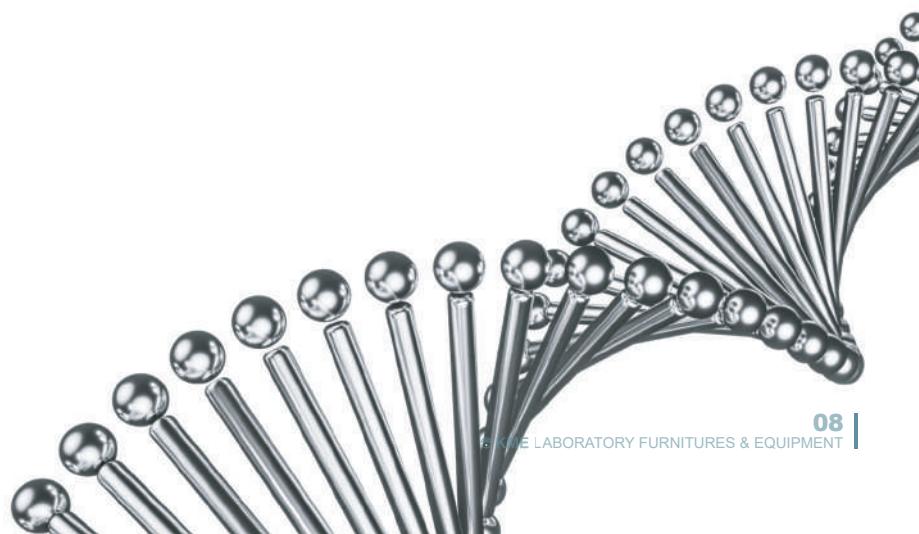
Centrifuge

Used in laboratories and medical fields to separate blood, cells, and chemical substances.



Ion Chromatography

Analyzes ions (cations and anions) in a solution to determine concentration and composition.



Description of Key Equipment

· List



Dish Washer

Unlike household dishwashers, it is optimized to remove chemical residues and prepare laboratory equipment for reuse.



Coulometer

Suitable for trace analysis using electrolysis, particularly for measuring moisture content.



Thermostatic Bath

Measures the density of fluids or gases to analyze the properties and quality of materials.





Differentiated Competitive Advantage

KME Co., Ltd. provides equipment that meets the stringent standards of the maritime industry, based on extensive experience and technical expertise.



Innovative Technology

Laboratory equipment utilizing the latest technology to provide fast and accurate analysis results, maximizing customer work efficiency.



Sustainable Solutions

Supports a sustainable maritime industry by providing eco-friendly equipment and systems that consider environmental protection and safety.



Compliance with International Standards

Equipment that meets international safety standards, offering solutions suited to various environmental regulations and safety requirements.

Service Features

We ensure safety and quality with customized solutions and prompt technical support.



Customized Equipment Solutions

Provides a variety of laboratory equipment tailored to customer needs, supporting safe and efficient operations.

Safety and Quality Assurance

Equipment designed to safely handle high-risk substances, achieving both worker safety and environmental protection.



Rapid Technical Support

Offers quick maintenance and technical support through a global network, enhancing customer satisfaction.

Future-Oriented Vision

KME Co., Ltd. is committed to continuous research and development to improve safety and efficiency in the maritime industry.



Continuous Innovation

We will lead the advancement of the maritime industry by continuously developing new technologies and solutions.



Global Partnerships

Strengthening our global network to create value in various markets by collaborating with customers worldwide.

KME Co., Ltd. provides laboratory equipment solutions prioritizing safety, quality, and environmental protection, shaping the future of the maritime industry together. We will achieve safety and sustainable development in the maritime industry through tailored equipment and thorough technical support that meets the diverse needs of our customers.





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