

انارة لتجارة المعدات ذ.م.م

ENARA Equipment
Trading LLC

Enara Equipment

Innovative Solutions for Scientific & Industrial Infrastructure.

Powering Progress,
Enabling Precision.

About Enara Equipment

Enara Equipment is a multidisciplinary solutions provider specializing in **scientific instrumentation, industrial infrastructure, and sustainable monitoring systems**. Headquartered in India with strategic partners across Europe and the Middle East, we cater to critical sectors including **pharmaceuticals, environmental monitoring, water treatment, oil & gas, and power generation**.

Our core philosophy is to **empower industries with precise, reliable, and future-ready solutions**, whether through custom laboratory setups, online water analysis systems, GRP enclosures, or fully engineered EPC installations.

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Enara Equipment

Empowering Industry, Enabling Innovation

Mission



To deliver world-class equipment and infrastructure that ensures operational safety, regulatory compliance, and environmental sustainability for industries shaping the modern world.

Vision



We are committed to building smarter, cleaner, and more efficient infrastructure by partnering with global technology leaders and delivering exceptional equipment and service.

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Our Services

Delivering accuracy, Durability & trusted Performance.

1. Industrial Equipment and Machinery
2. Non-Metallic (GRP) Enclosures, Cabinets and Sunshades
3. Laboratory Equipment and Consumable
4. Water and Wastewater Monitoring Equipment
5. Renewable & Solar Energy products
6. Emission Monitoring Products and Systems (CEMS, PEMS & SWAS)
7. Combustion Management and Energy Optimization Products
8. Process and Instrumentation Products
9. Industrial Fittings & Power Generators
10. Drilling, Industrial and Laboratory Chemicals



Our Services

1. Scientific & Industrial Lab Equipment

Advanced Laboratory Infrastructure Solutions for Precision and Safety At Enara Equipment, we are a trusted laboratory equipment supplier specializing in high-performance systems designed for scientific research, testing, and industrial applications.

Solutions We Offer Laboratory Equipment & Systems:

- Analytical Instruments (Chromatography, Spectroscopy, etc.)
- General Laboratory Devices
- Glassware and Consumables Infrastructure

Solutions:

- Central Gas Control Systems
- Gas Manifold Panels
- Lab Utility Distribution Systems
- Heaters, Chillers, and Thermal Control Units Lab Support

Installations:

- Modular Lab Furniture and Workbenches
- Fume Extractors and Articulated Safety Arms
- Chemical Storage Cabinets
- Laboratory Waste Collection and Disposal Systems



Our Services

2. Water and Wastewater Monitoring Systems

Overview

Enara Equipment offers fully automated analyzers for real-time water quality sensors and water quality monitoring systems. Our systems, suitable for water testing lab equipment, deliver rapid results across 60+ chemical parameters and are ideal for environmental, industrial, and field applications.

Applications

- Wastewater treatment plants (WWTP, STP)
- Industrial process water
- Sea water & drinking water monitoring
- Agriculture runoff control
- Beverage and food quality compliance

Core Solutions

- Loop Flow Analysis (LFA) with multiparametric options
- BCFA (Batch Continuous Flow Analysis) for advanced nutrient detection
- UV, high-temp, and fluorescence detection
- Portable, online, and laboratory analyzers

Key Parameters Monitored

- NH_3 , $\text{NO}_3^- + \text{NO}_2^-$, NO_2 , PO_4
- Total Nitrogen, Total Phosphorus
- Heavy metals (Lead, Cadmium)
- Cyanide, Phenols, COD, TOC, and Organic compounds
- Mercury via Atomic Fluorescence



Our Services

3. Predictive Emission Monitoring Systems (PEMS)

Overview

Our Predictive Emission Monitoring System (PEMS) ensures accurate, continuous emission monitoring to comply with GCC and USEPA standards. Enara's software-based PEMS uses AI to reduce costs and eliminate dependency on traditional CEMS hardware. Our solutions support strict environmental compliance monitoring and industrial emission regulations.

Features

- Simple and fast installation (4–8 weeks)
- Software-based monitoring with no hardware dependency
- Remote maintenance and data transmission
- RAA & RATA testing support as per regional laws

Advantages Over Traditional CEMS

- No frequent calibration or span checks required
- Lower capital and operating cost
- >99% uptime with minimal site interference
- 90% lower maintenance costs
- Turnkey engineering, site study, and design services included



Our Services

4. Drilling Equipment, EPC Services & Instrumentation

Overview

As a comprehensive drilling equipment supplier, Enara Equipment collaborates with global vendors to deliver essential tools, including offshore drilling tools and hazardous area electrical equipment for on-shore and off-shore operations.

Equipment Range

- Production Tools
- Rotary & Pipe Handling Equipment
- Mud Pumps, Choke & Kill Manifolds
- Traveling & Safety Equipment (PPE)
- BOPs and Calibration Tools

EPC & Instrumentation Services

- HT & HP instrumentation fittings
- Electrical and lighting for Zone 1 & 2 hazardous areas
- Diesel and gas generators (Zone 2 drilling platforms)
- HVAC-certified components (ATEX compliant)
- Emergency lights, switches, and hazardous-area electronics



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5. Retrofit Services for Process, Emission & Analytical Instrumentation

Overview

Enara Equipment offers complete retrofitting solutions for process instrumentation and sample handling systems. Our service includes cabinet upgrades, control components, data automation, and SCADA integration, ensuring existing installations meet modern standards.

Core Capabilities

- Analyzers, sensors, and monitoring devices
- Primary & secondary sample handling systems
- Heated sample lines
- GRP (non-metallic) shelters for Zone 1 & 2
- PLC, SCADA, and automation systems
- Calibration, gas manifold & Cal Gas management
- Site modification & re-engineering of legacy cabinets

Benefits

- Designed & manufactured locally (Saudi Arabia facility)
- Reduced downtime and maintenance cost
- Compliance with industry classification zones
- Custom BOM and commissioning support
- Suitable for harsh environments: desert, offshore, high EMI zones



Our Services

6. Turnkey GRP Cabinet Retrofit Solutions (with Intertec, Germany)

Overview

We replace corroded metal cabinets with Intertec-manufactured GRP (Glass-Reinforced Plastic) explosion-proof enclosures for mission-critical plant systems. More than 1,000 successful retrofit projects have restored the safety and reliability of aging equipment.

Features

- IP68-certified protection from dust and moisture
- Heat resistance up to 160°C
- Explosion-proof (Ex e, Ex p, CSA/NEMA 4X)
- Corrosion, UV, leak & static resistance
- Fire resistance up to 120 minutes
- EMC shielding and blast resistance

Ideal For

- Instrument enclosures in oil & gas plants
- Electrical & automation panels in refineries
- Desert and arctic zone installations
- Renewable energy & utility stations



Our Services

7. High-Performance GRP Cooling Enclosures (Intertec)

Overview

We supply Intertec-engineered GRP cooling shelters that protect sensitive electronics and process equipment in both extreme cold and hot climates. Designed for oil & gas, solar farms, hydrogen systems, and more.

Product Options

- Passive, hybrid, and active cooling cabinets
- Integrated with sunshades, canopies, and thermal insulation
- Supports hydrogen electrolyzers, inverter banks, and gas panels

Key Benefits

- Proven performance in desert and arctic environments
- Robust IP-rated GRP body, non-metallic and corrosion-free
- Reliable passive protection in case of power failure
- Engineered for critical safety, control, and analytical systems



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Our Services

8. GRP Enclosures for Utility, Telecom & Industrial Infrastructure

Application Areas

- Power distribution, gas meters, and switchgear
- Railways, roads, and tunnel monitoring stations
- Telecom & 5G communication networks
- Solar power farms and green energy applications
- Warehouses and utility metering stations

Key Features

- Non-metallic design ideal for UV and harsh weather
- Explosion proof and EMI-shielded variants
- Long lifespan with no corrosion
- Maintains functionality from -30°C to +70°C
- Fully compatible with electromagnetic communication (no signal loss)



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