Company Profile

Middle East Scientific Equip. Corp. L.L.C.
INTRODUCTION

Middle East Scientific Equipment Corporation LLC (MESECLLC) knows that nothing is simple in matters of use and operation of the electronic equipment. We have established a reputation as one of the region’s leading Quality Company. MESECLLC is present in the Sultanate of Oman for several years. During this period we executed some of the prestigious projects in the region. Our extensive range of products and services made easy availability of the products in the region. MESECLLC has always remained inclined toward the excellent quality of products and services. MESECLLC caters client’s needs in entire state of Oman with its highly technological and engineering skills.

We have qualified and experienced team available in Oman for sales and after sales services. We deliver the answers to our clients efficiently as and when needed. The company is continuously growing along with expansion in client’s network. MESECLLC is committed in value provision to your specialized requirements required for adequate equipment operation at optimum performance Parameter set. With our offices in Muscat and Salalah, regular business development, oriented support and regular visit to our Equipment Manufacturers gives the front line technical expertise to customer’s needs. The scientific instruments Division MESECLLC was commenced with its unique and splendor interaction capabilities.

We believe that this experience and expertise makes us uniquely qualified to undertake complex projects and execute successfully. Our objective is to deliver total solutions to our customers. We are well positioned across the market and remain focused on building long term customer relationships; this together with the unique attributes we offer, in terms of project delivery, safety, quality, value engineering and innovation given MESEC a leading position within the market place in Sultanate of Oman

VISION

We are committed to being the leader in Environmental, Process and Laboratory applications where our market knowledge, customer intimacy, application expertise and instrument technology help our customers

Less Pollution is the best solution
Our Perfection is customer satisfaction
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<td>- Odor and VOC Monitoring</td>
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<td><strong>Level Measurement</strong></td>
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<tr>
<td>- Point and continuous level measurement system mounts externally on tanks, bins, hoppers, pipes and other vessels to sense the level of liquids, slurries and solids.</td>
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<td>- PVC tanks</td>
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<td>- Gas blending control</td>
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<td>- Laboratory Facility design</td>
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<td>- Laboratory Furniture</td>
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<td>- Calibration Standard Gases</td>
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<td>- Chromatography Consumables</td>
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<tr>
<td><strong>Sulfinert &amp; Silcosteel® Regulators and Switchover Systems</strong></td>
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<tr>
<td>- Treated Tube can bend easily</td>
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<tr>
<td>- Welding does not interfere</td>
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<tr>
<td>- Compression fitting can be used</td>
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<tr>
<td>- Stable up to 600 deg C</td>
</tr>
<tr>
<td>- Easy transfer of active compound</td>
</tr>
<tr>
<td>- Coating is highly inert</td>
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<tr>
<td>- Highly stable sample containing even at ppb of sulfur contents</td>
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**Less Pollution is the best solution**

*Our Perfection is customer satisfaction*
Air Pollution Monitoring

Ambient

Comprehensive gas analyzer, BTEX, particulate and calibrator offering Integrated Ambient Air Monitoring Systems

Source

Gas analyzers, Dust, Opacity, Flow, Velocity, Sampling probes, SCS, Sample Line, DAS offering Integrated Continuous Emission Monitoring Systems (CEMS)

Industrial Hygiene

Portable monitoring LDAR, Toxic Vapor Analyzers, Dust Monitors, Portable Ambient Analyzers

Air Pollution & CEMS Monitoring Projects Executed

AirmoVOC BTEX

A GC/FID Instrument for Automatic Continuous Monitoring of BTEX in Air, Water and Soil

Less Pollution is the best solution
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Stack Dust, Opacity, Flow & Velocity Monitoring

Unique Design
- Single or double sided installation
- Data Migration Flexibility

Fall safe shutter
- Protection of the device in overpressure conditions

Comfortable operation
- Several operating options
- Remote access possible

Standard flange
- Easy installation
- Small wall opening

Purge air monitoring & regulation
- Long lifetime
- Low maintenance

Process Analyzers
- Total Sulfur Analyzer
- Mass Spectrometer
- Custody Flow Monitor
- Turbine Flow Meter
- Flow Computer
- Nuclear Level Gauges
- Online, High Speed Calorimeter
- Density Meters

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Water Quality Monitoring Analyzers

Premium Online Water Monitoring Analyzers

- Plug & Play pH, Conductivity, DO, Turbidity, Chlorine, Ozone and Modules can be chosen in any combination
- Complete Range of Analyzers:
  - Fluoride Analyzer
  - Calcium Hardness Analyzer
  - Chlorine Analyzer
  - Low & Hi Silica Analyzer
  - Sodium Analyzer
  - Phosphate Analyzer
  - Low Level DO Analyzer
  - Ammonia Analyzer
  - ORP Analyzer
  - pH and Temp
  - Low Level Chloride Analyzers
  - Dynamic Calibrator for Low level Verifications
  - Grab Sampler

Laboratory Design, Engineering & Furniture Manufacturing

- Facility Design & Construction
- Architectural Design
- Mechanical and Electrical Design
- Laboratory Casework Manufacture
- Fume hood manufacture
- Laminar flow manufacture
- Clean booth manufacture
- Exhaust ducting manufacture and installation
- Stainless steel fabrication
- Sheet metal fabrication
- ULPA, HEPA and activated carbon filtration and technologies
- Fume hoods & laminar flow testing and certification

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Laboratory Equipment

Premium Benchtop Analyzers
- GC/LC/MS/MSMS/UV-VIS/AAS/ICP/ICPMS
- Discrete Photometric System for Water Apps
- Microwave Digestion System
- Modules can be chosen in any combination
- Separate modules are:
  - pH/ISE/Conductivity/Salinity/TDS
  - RDO/DO
- Portable pH, Cond., TDS, Salinity, Chlorine and Turbidity Meter
- COD reactor, Test Reagent and Standard
- TOC Analyser
- Elemental Analysers
- Sample Preparation

Chromatography Products

We are committed to providing superior, cutting-edge Restek chromatography products and world-class Plus 1 service. In order to give our global customer base more convenient access, we organize:
- Seminars: The course delivers a wealth of information and networking opportunities in a professional, non-promotional, multimedia format with animated illustrations and problem-solving exercise
- Webinars: These popular, quick-hitting events offer chromatographers a free, informal option for staying current with cutting-edge products, applications, and analytical techniques.
- On-Site Training: Our on-site seminars provide an excellent opportunity to train multiple analysts at once with reduced costs. Restek experts can present existing seminars or teach material customized to tackle your specific analytical challenges based on your direction. Dates, duration, and topics are incredibly flexible. Contact us!

Some of Our Products
- Electronic Flowmeter
- Leak Detector
- GC and LC Columns
- GC and LC Accessories
- Vials, Inserts, Valve and Syringes
- Air Sample Containers
- Lab Sample Handing
- Reference Standard Material
- Chromatograms
- Chromatography Tools
- Compression fitting and adaptors

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ENGIN ERED FOR EXCELLENCE

The PlasmaQuant® MS series expand Analytik Jena’s elemental analysis portfolio. Combined with our extensive range of atomic spectroscopy products, including the novAA and ZEEnit line source AAS range, the innovative High-Resolution Continuum Source contrAA® AAS series and the PlasmaQuant® PQ 9000 High-Resolution Array ICP-OES, Analytik Jena has the solution to your analytical needs.

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Quality is the difference
Product Overview Analytical Instrumentation

Atomic Absorption Spectroscopy (AAS)
- contrAA® – High-Resolution Continuum Source AAS, one single radiation source for multielement analysis
- novAA® – Flame and graphite furnace AAS
- ZEEnit – Zeeman AAS for flame, graphite furnace and hydride technique
- solid AA® – Fully automatic direct solid sample analysis

Optical Emission Spectroscopy (ICP-OES)
- PlasmaQuant® PQ 9000 – Compact High-Resolution Array, optical emission spectrometer with an inductively coupled plasma

Mass Spectrometry (ICP-MS)
- PlasmaQuant® MS series – Inductively Coupled Plasma Mass Spectrometer with industry leading sensitivity and lowest argon gas consumption thanks to powerful, patented technology

Atomic Fluorescence Spectroscopy (AFS)
- mercur – Atomic fluorescence as detection method for maximum sensitivity
- Flow injection technique and maximum degree of automation for high sample throughput
- Enrichment with single gold trap or with cascade enrichment

Sample Preparation
- TOPwave® – Versatile microwave digestion system
- Straightforward operation, intuitive and operational safety
- High sample throughput
- Documents all digestion parameters of each sample

UV/Vis Spectroscopy
- SPECORD® Plus – High-performance double-beam spectrometers with Cooled Double Detection (CDD)
- SPECORD® – High-power and simultaneously measuring diode-array system for high throughput applications
- Extensive range or accessories

Photochemiluminescence – Antioxidants, Free Radicals
- PHOTOCHEM® – Photosensitized chemiluminescence
- System for the quantification of antioxidants in water-soluble and lipid-soluble systems

Sum Parameter Analysis
- multi N/C® – TOC/TN analysis
- multi X® – AOX/TOX, EOX, POX analysis
- Simultaneous determination of C and N in any kind of water
- Usage of VITA technique for optimum results
- Application variety – from low ppb TOC in ultrapure water up to mass percent TOC in heavily loaded waste water
- TC/TOC in solids – without modification of the analyzer
- AOX analysis: flexible and focused on high sample throughput

Elemental Analysis – Carbon, Sulfur, Nitrogen and Chlorine
- multi EA® – Elemental analyzer for any matrices
- Application diversity: C, N, S and Cl from solid, liquid, paste-like and gaseous samples as well as TOC, EOX and AOX/TOX analysis
- Simultaneous measurement of different elements
- Complete digestion through high-temperature oxidation at up to 1,500°C

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Chemicals, Glassware and General Lab Consumables

MESECLLC passionate about science, and through inspirational teachers and teaching we believe that young people can be enthused by science, no matter where in the world they might be learning. Our range of high quality, innovative products and lab essentials, which are complemented by our exclusive own branded equipment, has been selected to help you engage with your students across all the science disciplines.

Laboratory chemical and consumable for Lab
- Physics Lab Supplies
- Biology Lab Supplies
- Chemistry Lab Supplies
- Microbiology Lab Supplies
- Blood Bank Supplies
- Water, Food & Other Lab Supplies
- Oil Spill Kits

Portal Scanner for Waste Scrap

Prevent costly radioactive contamination of your scrap yard, steel plant, equipment, product and personnel with the vehicle radiation detection system!

- Innovative Design with Multiple Detector Sizes
- Energy Specific Alarm and Background Statistical Analyses
- Real-Time Density Tracking Algorithm
- Unique PVT Aging Monitoring
- Network Capability with Email
- Easy to install, User Friendly, Easy to Operate
Gas Detection

- Detectors of flammable and/or toxic, Corrosive gases as well as oxygen. Option for smoke detectors, Graphic display
- 3 alarm levels per channel.
- 12 freely programmable relays.

Gas Distribution Systems

200 bar, 300 bar line, brass & SS semi-automatic, Automatic switch over manifold for continuous gas supply from several high pressure sources.

APPLICATIONS
Suitable for the supply of:
- Flammable & Non Flammable gases
- Corrosive and Non corrosive high flow gases
- Inert Gases
- Toxic Gases
LIMS (Laboratory Information Management System)

- Install Configure and Analyze
- Web Based Interface Service
- Implementation and Update Services
- Support Contract Services

Managed IT Services

- 24x7x365 monitoring of IT infrastructure
- Server Maintenance
- Network Management
- End User Support
- Work Stations Maintenance

Cloud Infrastructure

- We Migrate On-Premises IT infrastructure to Cloud and Vice-Versa
- IaaS Maintenance and Management
- SaaS Maintenance and Management

Business Continuity and Disaster Recovery

- Best possible uptime with available resources.
- Management of Backup and Restore operations with agreed RPO and RTO.
- Disaster Recovery Sites Planning and Designing.

Information Security

- Information security implementation according to ISO 27001 Standards -- CIA
- Risk Assessment and Mitigation Plans
- Vulnerability Assessment and Penetration Testing.
- Virus/Malware/Spyware
- Trojan Protection.
- Cryptography Services.
- Internal Audits on Regular Basis.
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Some of the Customers

- Dhofar Power Generation Co.
- United Power Company
- Sembcorp Salalah O&M Co.
- Octal Petrochemicals FZC
- ORPIC
- Al Safa ETS
- Construction Consolidated Co.
- Occidental Oman
- OMIFCO
- Salalah Methanol Company
- Oman Methanol Co.
- Shadeed Iron & Steel Co.
- Sohar Steel LLC
- Vale Oman Palletizing Co. LLC
- Sohar University
- Sultan Qaboos University
- Dhofar University

- STOMO O & M Oman LLC
- MRM&WR
- PAEW
- MOCI
- MAF
- Galfar Engg and Contracting Co. SAOG
- ONEIC
- SFZ, Salalah
- Ministry of Defence
- Oman Pharmaceutical Co.
- Oman Cement Co. SAOG
- Raysut Cement Co. SAOG
- Oman Gas Co.
- Royal Oman Police
- Sohar Aluminium
- Gulf Petrochemical Industry Co.
- Various Others

Expert in Gas Analysis

- Analyser for Volatile Hydrocarbon, C2 to C6
- Analyser for BTEX in Air, Water & Soil
- Analyser for HC, C6 to C12 + Halogen Compounds
- Surveillance of VOCs in water as per EPA Methods
- Online GCMS /FID with Purge & Trap for VOCs in Water
- Analyser for Sulfur Compounds in Water
- Analyser for Odorous Compound in Water
- Analyser for Sulfur Compound in Gaseous Fuels e.g. NG, LPG, Propane, Butane, etc.
Middle East Scientific Equip. Corp. L.L.C.

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