

## CIVIL AND INFRASTRUCTURE 2023 PRODUCT GUIDE



# SIGMA ENTERPRISES

YOUR LOCAL PARTNER FOR GLOBAL TECHNOLOGY SOLUTION



A Mazrui International Company

# SIGMA OVER THE YEARS

Mr. Mazrui founded the Mazrui Engineering Products with major focus on Construction and Building materials business.

**1972**

Founding of the Mazrui Group Holding company with expansion of operating business into oil & gas fields services, energy services, retail, healthcare and education.

**2001**

Regrouping of Mazrui Engineering Products and formation of SIGMA Enterprises in Dubai under the Mazrui Group.

**2006**

Establishing of SIGMA headquarters in Dubai Investments Park 1 with a fully functional management office, sales office, training center, logistics center and service center.

**2008**

SIGMA along with three other groups formed the Mazrui Trading Sector Companies whose primary business focus is on import, distribution, and marketing.

**2016**

Successfully launched Olympus Regional Service Centre at Sigma facility and officially inaugurated revamped SIGMA Service Centre dedicated to be the authorized service provider in the UAE and GCC region for all brands in our portfolio.

**2022**

Established as one of the leading distributor and service provider for 45+ range of scientific and engineering technologies to 1000 + clients in the UAE and GCC region with continuous on-boarding of world leading engineering brands.

**2023**

**SIGMA**



# COMPANY PROFILE

Sigma Enterprises is a **distributor and service provider for a wide range of scientific and engineering technologies in the UAE and the GCC countries.** Sigma is an ISO 9001 : 2015 certified company and a part of Mazrui International, one of the leading UAE business conglomerates.

We, at Sigma, are proud of our association with world leading engineering brands from various parts of the globe including America, Europe, and Asia. Our association with some of the key principals is longer than a decade.

Over the years, we have built our relationship with suppliers to offer the best solutions to customers in the region.







# OUR TEAM

# CATEGORIES

"8fcbY`UbX`A Udd]b[ `Gc`i h]cbg`	\$*`
"Gi fj Ym]b[ `=bghfi a Ybhg`	\$+`
I h`]hm@cW]h]cb	\$,`
"Gi fZUW`DfYdUfU]h]cb`	%%`
"@[ `h`7cbghfi V]cb`	%%`
"HUV`Y`GUk g`	%%`
"J UWW`a`@[ZYfg`	%%`
7cbWYh]b[ `UbX`7ca dUW]cb`	%%`
CcbWYhY`HYgh]b[ `	%`
"7Ya Ybh`HYgh]b[ `	%`
"5gd\`U`h`HYgh]b[ `	%`
Gc]`/`F`cW`A`YW`Ub]Vg`	%`
7cbWYhY`BDH`	%`
8f]`]b[ `:`i`]X`/`C]`K`Y`7Ya Ybh`HYgh]b[ `	%`
9b[ `]bYg`	&\$`
5i`hca`UhYX`@`Vf]W]h]cb`Gng]hYa`	&\$`
A`UhYf]U`GVYbW`UbX`BDH`=bgdYV]cb`	&&`
;`YbYfU`@UVcfUhcfm`	&(`



# SURVEYING AND DRONE TECHNOLOGY



## DRONE AND MAPPING SOLUTIONS

 **wingtra**



► **SURVEYING & MAPPING DRONE**

 **microdrones®**



► **LIDAR DRONE**

 **FLYABILITY**



► **INDOOR INSPECTION DRONE**

 **ENTERPRISE**



► **INSPECTION DRONE**

 **TOPCON**



► **STATIC LASER SCANNER**

**NavVis**



► **MOBILE MAPPING**



## SURVEYING INSTRUMENTS

**SOKKIA**



▶ ENTRY LEVEL TOTAL STATION

**SOKKIA**



▶ ROBOTIC TOTAL STATION

**SOKKIA**



▶ GNSS RECEIVERS

**SOKKIA**



▶ INDUSTRIAL MEASUREMENT AND MONITORING TOTAL STATION

**JUNIPER<sup>®</sup>**  
SYSTEMS



▶ DATA COLLECTORS

**myzox**



▶ SURVEYING ACCESSORIES



## UTILITY LOCATION

### RADIODETECTION



PRECISION LOCATOR

### RADIODETECTION



CABLE AVOIDANCE TOOL

### SCHONSTEDT® from RADIODETECTION



METAL AND MAGNETIC LOCATORS

### RADIODETECTION



PIPELINE INTEGRITY AND CORROSION CONTROL

### PEARPOINT



PIPELINE INSPECTION

### SENSORS & SOFTWARE® from RADIODETECTION



GROUND PENETRATING RADAR

# CONSTRUCTION TECHNOLOGY AND SURFACE PREPARATION



## SURFACE PREPARATION

**SCANMASKIN**  
MACHINES-MINERALS-KNOW-HOW



▶ PLANETARY CONCRETE FLOOR GRINDERS

**TRELAWNY**™



▶ FLOOR GRINDER-DUAL DISC

**SCANMASKIN**  
MACHINES-MINERALS-KNOW-HOW



▶ INDUSTRIAL DUST COLLECTOR

**SCANMASKIN**  
MACHINES-MINERALS-KNOW-HOW



▶ SHOT BLASTER 3

**TRELAWNY**™



▶ FLOOR SCARIFIER

**TRELAWNY**™



▶ FLOOR SCABBLERS

## LIGHT CONSTRUCTION

**VEGO**



► DE-WATERING PUMPS



► TOWER LIGHTS

## TABLE SAWS



► MASONRY SAW



► TILE SAW

## VACCUM LIFTERS

**GRABO®**



► ELECTRIC SUCTION CUP

**GRABO®**



► ELECTRIC SUCTION CUP ACCESSORIES



## CONCRETING AND COMPACTION

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **POWER TROWELS**

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **POWER SCREEDS**

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **POKERS AND VIBRATORS**

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **PLATE COMPACTOR**

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **ROLLERS**

**ET** CONCRETE  
FINISHING  
& COMPACTION



► **RAMMERS**

# CIVIL TESTING AND POWER



## CONCRETE TESTING

**ELE**  
INTERNATIONAL



► **CONCRETE COMPRESSION MACHINE**

**ELE**  
INTERNATIONAL



► **SLUMP CONE**

**TESTING**



► **COMPRESSION/ FLEXURAL TESTING MACHINE**

**TESTING**



► **PRECISION AIR ENTRAINMENT METER**



► **CONCRETE PAN MIXER**

**ELE**  
INTERNATIONAL



► **MOULDING EQUIPMENT**

## CEMENT TESTING

TESTING



► COMPRESSION / FLEXURE TESTING MACHINE

TESTING



► DIGITAL PULL-OFF TESTER

TESTING



► RESONANCE ANALYSIS TEST BENCH

TESTING



► AUTOMATIC VICAT NEEDLE APPARATUS

TESTING



► FULLY AUTOMATIC BLAINE APPARATUS

TESTING



► CALORIMETER



## ASPHALT TESTING

**ThermoFisher**  
SCIENTIFIC



▶ ASPHALT IGNITION FURNACES

**ELE**  
INTERNATIONAL



▶ ASPHALT CENTRIFUGE EXTRACTORS

**ELE**  
INTERNATIONAL



▶ MIXING

**ELE**  
INTERNATIONAL



▶ MARSHALL TESTING MACHINE

**ELE**  
INTERNATIONAL



▶ AUTOMATIC MARSHALL COMPACTOR

**ELE**  
INTERNATIONAL



▶ CORE DRILLING

## SOIL & ROCK MECHANICS



► DYNAMIC TRIAXIAL TESTING



► STATIC TRIAXIAL TESTING



► SHEAR TESTING



► RESONANT COLUMN



► COMPACTION & CBR TEST EQUIPMENT



► SOIL OVEN

## CONCRETE NDT



► REBOUND HAMMER



► GROUND PENETRATING RADAR



► PROFOMETER & COVER METER



► ULTRASONIC PULSE VELOCITY



► PILE INTEGRITY + IMPACT ECHO



► ULTRASONIC CONCRETE SCANNER

## DRILLING FLUID & OIL WELL CEMENT TESTING

**fann®**



► MUD BALANCE

**fann®**



► LUBICITY METER

**fann®**



► RHEOMETER

**fann®**



► CEMENT ANALYZER

**fann®**



► VISCOMETER

**fann®**



► HPHT CONSISTOMETER



## ENGINES

**KOHLER**



► DIESEL ENGINES

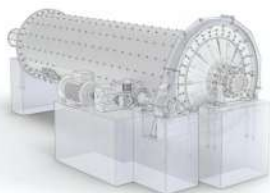
**KOHLER**



► PETROL ENGINES

## AUTOMATED LUBRICATION SYSTEM

**DropsA**



► LUBRICATION FOR CEMENT FACTORIES AND CONSTRUCTION

**DropsA**



► AUTOMATIC GREASE LUBRICATION FOR MINING MACHINES

**DropsA**

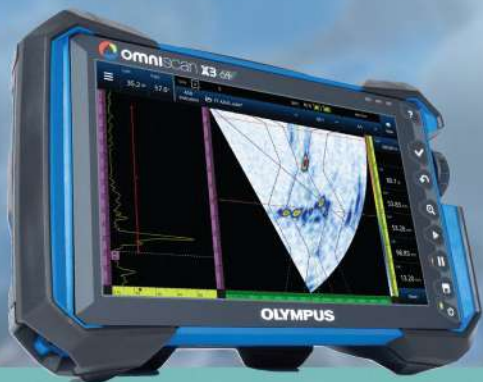


► BBTS LUBRICATION SYSTEM FOR THE RAIL CURVE

**DropsA**



► MULTI-POINT AND IOT LUBRICATION FOR TRANSPORT INDUSTRY



# MATERIAL SCIENCE AND NDT INSPECTION



**EVIDENT  
OLYMPUS**



▶ **NDT INSPECTION**

**Fischer**



▶ **COATING INSPECTION**

**EVIDENT  
OLYMPUS**



▶ **XRF ANALYZER FOR MINING  
& GEOCHEM**

**BEIL** OPTO-ELEKTRONIK  
since 1986 GMBH



▶ **OPTICAL EMISSION SPECTROMETER**

**LAND / AMETEK**



▶ **PORTABLE GAS ANALYZERS**

**Struers**



▶ **MINERALOGY/THIN SECTION**



► UNIVERSAL TESTING MACHINES



► DYNAMIC & FATIGUE TESTING SYSTEMS



► METALLURGICAL SAMPLE PREPARATION



► HARDNESS TESTING



► DIGITAL MICROSCOPES



► RISE - RAMAN-SEM MICROSCOPES



## GENERAL LABORATORY

**ThermoFisher**  
SCIENTIFIC



► HOT AIR OVEN

**ThermoFisher**  
SCIENTIFIC



► VACCUM OVEN

**ThermoFisher**  
SCIENTIFIC



► FURNACE

**ThermoFisher**  
SCIENTIFIC



► ROTATORS, SHAKERS AND MIXERS

**LAND / AMETEK**



► NON CONTACT PYROMETERS

**eti**



► THERMOMETERS

ascott



► CYCLIC CORROSION CABINET



► WEIGHING SCALES

Genlab



► WATER BATH

Genlab



► THIN FILM OVEN

Endecotts



► SIEVES & SIEVE SHAKER



► LAB FURNITURE

# SERVICE CENTER

A Mamid International Company

SIGMA

SERVICE CENTER  
EVIDENT OLYMPUS

SIGMA

**Sigma** believes in associating with our customers, not just as a supplier, but as a partner in business.

We differentiate ourselves by delighting our customers with the following services:

- Calibration services
- Warranty services
- Mobile repair services
- Equipment installation
- Annual maintenance contract
- Genuine spare parts availability

Our Service Center is the regional hub for the full after-sales service requirements.

Success  
is a decision.

THE VISION.  
TRUST THE PROCESS.

SOKKIA

## OUR PARTNERS

### Our Locations

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Fax: +971 2 55 11 477

LINK TO OUR WEBSITE

