

PRODUCT GUIDE

**SIGMA**



**CIVIL AND INFRASTRUCTURE**

20  
25

**SIGMA ENTERPRISES**  
YOUR LOCAL PARTNER FOR GLOBAL TECHNOLOGY SOLUTION



A MAZRUI INTERNATIONAL COMPANY

# SIGMA OVER THE YEARS

Mr. Abdullah Mohammed Al 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, Real Estate, Trading, Financial Investments, Education, Construction & Logistics, and Retail.

**2001**

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

**2006**

Establishing of SIGMA headquarters in Dubai Investments Park 1 with a fully equipped corporate office, sales office, service center, training center, logistics hub and warehouse.

**2008**

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

**2016**

Successfully launched Evident 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, also featuring a dedicated Training and Demo Centre.

**2022**

Established as one of the leading distributor and service provider for 45+ leading engineering brands from around the world introducing innovative and cutting-edge technology to more than 1000 clients in the UAE and GCC region.

**PRESENT**

**SIGMA**

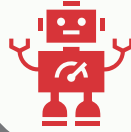


# COMPANY PROFILE

Sigma Enterprises is a **leading distributor and service provider of a diverse range of scientific and engineering technologies across the UAE and GCC countries.** An ISO 9001:2015 certified company, Sigma is part of Mazrui International, one of the UAE's most esteemed family-owned businesses.

Over the years, we have expanded our portfolio with innovative and cutting-edge technology solutions, ventured into new markets, and established a state-of-the-art Service and Calibration Centre, earning a reputation as a trusted name in the region.

SIGMA currently offers solutions across various application segments, including Robotics, Drones & Mapping Solutions, NDT Inspection, Material Science & Civil Testing, Advanced Positioning & Surveying Instruments, Construction Technology & Power Generation and a fully functional Service and Calibration Centre.

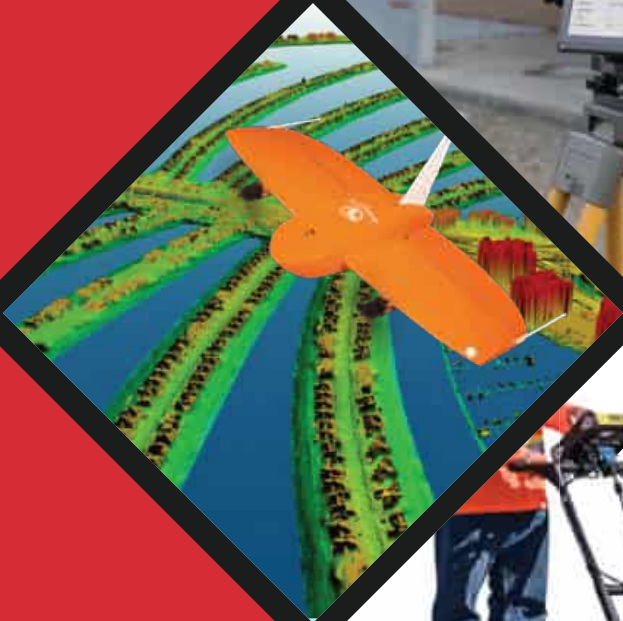




# OUR TEAM

# CATEGORIES

▶ Drone and Mapping Solutions	07
▶ Surveying Instruments	08
▶ Utility Inspection	09
▶ Surface Preparation	11
▶ Light Construction Machinery	12
▶ Power Generation	12
▶ Concrete & Cement Testing	14
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# SURVEYING AND MAPPING

DRONE AND MAPPING SOLUTIONS



AERIAL MAPPING DRONE -  
PHOTOGRAMMETRY



AERIAL MAPPING DRONE - LIDAR



INDOOR MAPPING DRONE



WEARABLE MOBILE  
MAPPING SYSTEM



HANDHELD MOBILE  
MAPPING SYSTEM



MOBILE ROAD PROFILE LIDAR  
AND LASER SCANNER

**SURVEYING INSTRUMENTS**



**MANUAL TOTAL STATION**



**ROBOTIC TOTAL STATION**



**GNSS RECEIVERS**



**TERRESTRIAL LASER SCANNER**



**DATA COLLECTORS**



**SURVEYING ACCESSORIES**

UTILITY LOCATION

RADIODETECTION



CABLE AVOIDANCE TOOL

RADIODETECTION



PRECISION LOCATOR

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 & POWER GENERATION

**SURFACE PREPARATION**



**FLOOR SCARIFIER - TRELAWNY**



**FLOOR GRINDER - DUAL DISC**



**PLANETARY CONCRETE FLOOR GRINDERS**



**INDUSTRIAL DUST COLLECTOR**



**HAND SCABBLERS**



**FLOOR SCABBLERS**

**LIGHT CONSTRUCTION MACHINERY**



**MASONRY SAW**



**BAND SAW**



**HIGH FREQUENCY  
CONVERTER & POKERS**



**TOWER LIGHTS**

**POWER GENERATION**



**DIESEL ENGINE**

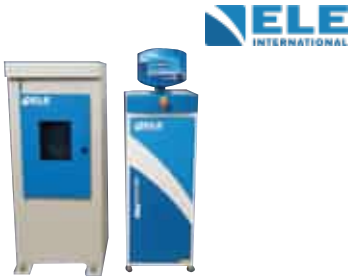


**DE-WATERING PUMPS**

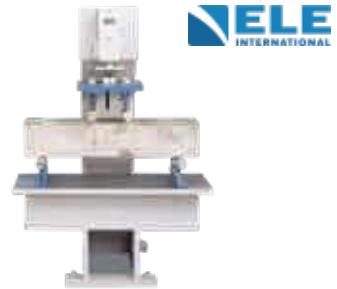


# MATERIAL SCIENCE & CIVIL TESTING

## CONCRETE & CEMENT TESTING



**CONCRETE COMPRESSION  
MACHINE**



**CONCRETE FLEXURAL  
TESTING MACHINE**



**CEMENT COMPRESSION MACHINE**



**CONCRETE AIR METER**



**AUTOMATIC BLAINE APPARATUS**



**AUTOMATIC VICAT APPARATUS**

## CONCRETE & CEMENT TESTING



**AUTOCLAVE**



**CONCRETE PAN MIXER**

## CONCRETE NDT



**REBOUND HAMMER**



**ULTRASONIC PULSE VELOCITY**



**GROUND PENETRATING RADAR**



**PROFOMETER & COVER METER**

# 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**

**DRILLING FLUID & OIL WELL CEMENT TESTING**

**fann®**



**MUD BALANCE**

**fann®**



**LUBICITY METER**

**fann®**



**RHEOMETER**

**fann®**



**CEMENT ANALYZER**

**fann®**



**VISCOMETER**

**fann®**



**HPHT CONSISTOMETER**

MATERIAL SCIENCE



UNIVERSAL TESTING MACHINES



DYNAMIC & FATIGUE TESTING SYSTEMS



MINERALOGY/THIN SECTION



METALLURGICAL SAMPLE PREPARATION



HARDNESS TESTING



OPTICAL EMISSION SPECTROMETER

MATERIAL SCIENCE



EVIDENT

DIGITAL MICROSCOPES



WITec  
focus innovations

RISE – RAMAN-SEM MICROSCOPES

METROLOGY



CREAFORM

3D LASER SCANNER



baty

PROFILE PROJECTOR



Mahr

HANDHELD GAUGES



Mahr

LENGTH MEASURING MACHINE



**NDT INSPECTION SOLUTION**

ROBOTIC SOLUTIONS



AUTONOMOUS ROBOTIC INSPECTION



AUTONOMOUS ROBOTIC INSPECTION - EX PROOF



INDOOR UT INSPECTION DRONE



REMOTE UT INSPECTION DRONE



ROV WITH UT INSPECTION



DRONE IN A BOX

# NDT INSPECTION

EVIDENT



ULTRASONIC THICKNESS GAUGE

EVIDENT



PHASED ARRAY INSPECTION

EVIDENT



XRF ANALYZER FOR  
MINING & GEOCHEM

Fischer



COATING INSPECTION

Fischer



FERRITE CONTENT MEASUREMENT

Sorama



ACOUSTIC SENSORS FOR  
LEAK DETECTION

WELDING CONSUMABLES AND FUME EXTRACTION



WELDING MACHINE



TIG CONTROL UNIT



GAS CONTROL & WELDING EQUIPMENT



PORTABLE FUME EXTRACTION SYSTEM

ATEX RATED PNEUMATIC TOOLS



DE-SCALER



DECK HAMMER

GENERAL LABORATORY TESTING



CHAMBER OVENS



OVENS



MUFFLE FURNACES



ROTATORS, SHAKERS AND MIXERS



CONCRETE THERMOMETERS



THERMOMETERS

GENERAL LABORATORY TESTING

ascott



CYCLIC CORROSION CABINET



WEIGHING SCALES

Genlab



WATER BATH

Genlab



THIN FILM OVEN

Endecotts



SIEVES & SIEVE SHAKER



LAB FURNITURES

# SERVICE CENTER



We deliver:  
the world's leading-edge  
nondestructive  
inspection and measurement  
solutions by developing  
tools and technologies that  
enhance safety, security,  
quality, and productivity.



**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.



## OUR PARTNERS

### Our Locations

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