

PIONEERING TECHNOLOGY FOR **INDUSTRIES**

----- **PRODUCT GUIDE** -----



SIGMA ENTERPRISES

YOUR LOCAL PARTNER FOR GLOBAL TECHNOLOGY SOLUTION

OCTOBER 2023

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

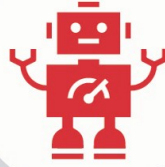
Established as one of the leading distributor and service provider for 45+ range of scientific and engineering technologies to 1000 + clients in the UAE and GCC region with continuous on-boarding of world leading engineering brands.

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

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ROBOTICS & DRONE TECHNOLOGY

MVbotics



▶ **AUTONOMOUS ROBOTIC INSPECTION**

MVbotics



▶ **ROBOTIC INSPECTION - EX PROOF**

FLYABILITY



▶ **INDOOR INSPECTION DRONE**

wingtra



▶ **SURVEYING & MAPPING DRONE**

dji ENTERPRISE



▶ **INSPECTION DRONE**

dji ENTERPRISE



▶ **DRONE IN A BOX - DJI DOCK**

NON DESTRUCTIVE TESTING & INSPECTION

EVIDENT | OLYMPUS



▶ **ULTRASONIC THICKNESS GAUGES**

EVIDENT | OLYMPUS



▶ **HALL EFFECT THICKNESS GAUGE**

EVIDENT | OLYMPUS



▶ **BOND TESTING**

EVIDENT | OLYMPUS



▶ **ULTRASONIC FLAW DETECTORS**

EVIDENT | OLYMPUS



▶ **EDDY CURRENT FLAW DETECTORS**

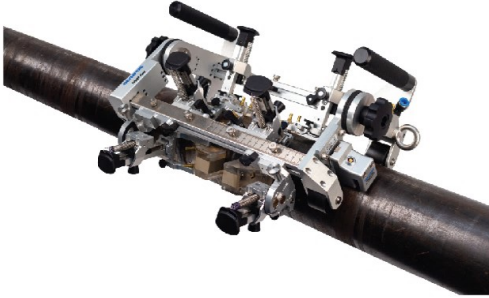
EVIDENT | OLYMPUS



▶ **PHASED ARRAY FLAW DETECTORS**

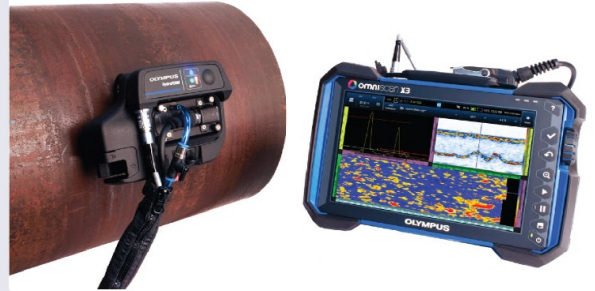
INDUSTRIAL SCANNERS

EVIDENT | OLYMPUS



▶ WELD INSPECTION SCANNERS

EVIDENT | OLYMPUS



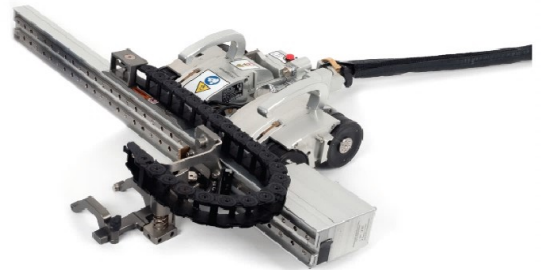
▶ CORROSION INSPECTION SCANNERS

EVIDENT | OLYMPUS



▶ ELBOW CORROSION INSPECTION SCANNERS

EVIDENT | OLYMPUS



▶ FULLY AUTOMATED SCANNERS

EVIDENT | OLYMPUS



▶ SEMIAUTOMATED SCANNER FOR LONG SEAM WELD INSPECTION

EVIDENT | OLYMPUS



▶ SCANNER FOR COMPOSITE MATERIALS

NDT SYSTEMS INSTRUMENTATION

EVIDENT | OLYMPUS



▶ NDT SYSTEMS INSTRUMENTATION

EVIDENT | OLYMPUS



▶ AUTOMATED GIRTH WELD INSPECTION SYSTEMS (PIPEWIZARD)

DIGITAL RADIOGRAPHY AND 3D LASER SCANNING

SMART PORTABLE X-RAY SOLUTIONS
VIDISCO



▶ DIGITAL RADIOGRAPHY

SMART PORTABLE X-RAY SOLUTIONS
VIDISCO



▶ NDT SLIDER FOR FIELD TESTING

comet
x-ray



▶ X-RAY GENERATOR

CREAFORM



HandySCAN3D™
SmartDENT 3D™
PIPECHECK

▶ 3D LASER SCANNERS

COATING INSPECTION

fischer



▶ COATING THICKNESS GAUGE

fischer



▶ SURFACE PROFILE GAUGE

fischer



▶ DEWPOINT METERS

fischer



▶ DUALSCOPE COATING THICKNESS GAUGE

fischer



▶ FERRITE CONTENT MEASUREMENT

fischer



▶ ELECTRICAL CONDUCTIVITY MEASUREMENT

fischer



▶ **XRF FOR COATING AND MATERIAL ANALYSIS**

fischer



▶ **NANO INDENTATION AND SCRATCH TESTING**

RHOPOINT
INSTRUMENTS



▶ **GLOSS, HAZE & DOI METERS**

ascott



▶ **CYCLIC CORROSION TEST CHAMBERS**

ELEMENTAL ANALYSIS

beleco



▶ **PORTABLE OPTICAL EMISSION SPECTROMETER**

EVIDENT | **OLYMPUS**



▶ **PORTABLE XRF ANALYZERS (PMI)**

MATERIALOGRAPHIC SURFACE PREPARATION & ANALYSIS

 **Struers**



▶ **AUTOMATED ABRASIVE CUTTING**

 **Struers**



▶ **PRECISION CUTTING**

 **Struers**



▶ **HOT AND COLD MOUNTING**

 **Struers**



▶ **GRINDING & POLISHING**

 **Struers**



▶ **FULLY AUTOMATIC GRINDING & POLISHING**

 **Struers**



▶ **ULTRASONIC CLEANING**

 **Struers**



▶ **ELECTROLYTIC ETCHING
& POLISHING**

 **Struers**



▶ **MINERALOGY & THIN SECTIONING**

 **Struers**



▶ **ON-SITE
MATERIALOGRAPHY / REPLICA**

 **Struers**



▶ **WELD INSPECTION**

HARDNESS TESTING

 **Struers**



▶ **MICRO/MACRO
HARDNESS TESTERS**

 **Struers**



▶ **UNIVERSAL HARDNESS
TESTERS**

MICROSCOPY

EVIDENT | OLYMPUS



▶ STEREO MICROSCOPE

EVIDENT | OLYMPUS



▶ UPRIGHT MICROSCOPE

EVIDENT | OLYMPUS



▶ INVERTED METALLURGICAL MICROSCOPE

EVIDENT | OLYMPUS



▶ IMAGE ANALYSIS SOFTWARE

EVIDENT | OLYMPUS



▶ MEASURING MICROSCOPES

EVIDENT | OLYMPUS



▶ SEMICONDUCTOR & FLAT PANEL DISPLAY INSPECTION MICROSCOPES

MICROSCOPY - ADVANCED

EVIDENT | OLYMPUS



▶ DIGITAL MICROSCOPE

EVIDENT | OLYMPUS



▶ LASER CONFOCAL MICROSCOPES

EVIDENT | OLYMPUS



▶ CLEANLINESS INSPECTION SYSTEM

WITec
focus innovations



▶ COMBINED CONFOCAL
RAMAN/AFM/SNOM MICROSCOPE

WITec
focus innovations



▶ CORRELATIVE RAMAN
IMAGING & SEM

NANOSENSORS™
The World Leader in Scanning Probes



▶ AFM PROBES

PHYSICAL STRENGTH TESTING



▶ **STATIC HYDRAULIC UNIVERSAL TESTING SYSTEMS**



▶ **ELECTRO-MECHANICAL UNIVERSAL TESTING SYSTEMS**



▶ **DYNAMIC & FATIGUE TESTING SYSTEMS**



▶ **MOTORIZED PENDULUM IMPACT TESTING SYSTEMS**

PLASTIC & POLYMER TESTING



▶ **DROP WEIGHT IMPACT TESTERS**



▶ **RHEOMETERS & MELT FLOW TESTERS**



▶ THERMO MECHANICAL SYSTEMS - HDT/VICAT



▶ TORSION TESTERS

HIGH SPEED CAMERA



▶ MULTI CHANNEL FRAMING CAMERA SYSTEM



▶ HIGH SPEED LINEAR TRACKER SYSTEM

POROMETERS



▶ ULTRA NANO POROMETER



▶ PERMEABILITY TESTER

METROLOGY - CONVENTIONAL

Mahr



▶ **HANDHELD GAUGES**

Mahr



▶ **UNIVERSAL MEASURING INSTRUMENTS**

Mahr



▶ **HEIGHT GAUGES 1D/2D**

Mahr



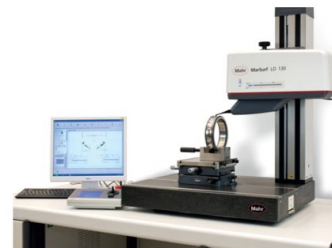
▶ **MOBILE ROUGHNESS TESTER**

Mahr



▶ **SURFACE ROUGHNESS / CONTOUR TESTER**

Mahr



▶ **FORM METROLOGY**

METROLOGY - ADVANCED



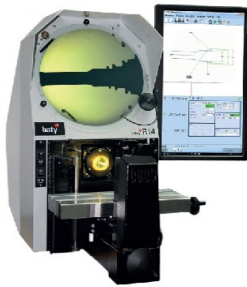
Mahr

▶ MEASURING STATION



Mahr

▶ INLINE SOLUTIONS



baty

▶ PROFILE PROJECTOR



baty

▶ OPTICAL COMPARATOR



baty

▶ VIDEO MEASURING SYSTEM (VMS)



CREAFORM

▶ 3D LASER SCANNERS

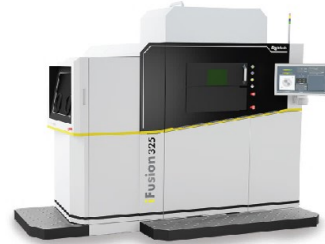
3D PRINTING

 **Intech**
additive solutions



▶ **SMALL FORMAT METAL 3D PRINTER**

 **Intech**
additive solutions



▶ **MID FORMAT METAL 3D PRINTER**

PRODWAYS
MACHINES



▶ **P1000S MID VOLUME SLS POLYMER 3D PRINTER**

PRODWAYS
MACHINES



▶ **P1000X HIGH VOLUME SLS POLYMER 3D PRINTER**

 **TRILAB**
A PRUSA RESEARCH COMPANY



▶ **DELTIQ 2 RESINS & PLASTIC 3D PRINTER**

 **TRILAB**
PRUSA RESEARCH COMPANY



▶ **AZTEQ DYNAMIC RESINS & PLASTIC 3D PRINTERS**

INDUSTRIAL MONITORING & MEASUREMENT

SOKKIA



▶ **INDUSTRIAL MONITORING AND MEASUREMENT**

GLM



▶ **GLM-INDUSTRIAL LASER MEASURING TECHNOLOGY**

TOPCON



▶ **GTL - 1200: SCANNING ROBOTIC TOTAL STATION**

NAVVIS



▶ **MOBILE MAPPING SYSTEM**

WELDING CONSUMABLES & FUME EXTRACTION

Weldability



▶ **PORTABLE FUME EXTRACTION SYSTEM**

Weldability



▶ **GAS CONTROL & WELDING EQUIPMENT**

UTILITY LOCATION & INSPECTION

SENSORS & SOFTWARE
from **RADIODETECTION**



▶ **GROUND PENETRATING RADAR**

RADIODETECTION



▶ **PIPELINE INTEGRITY AND CORROSION CONTROL**

RADIODETECTION



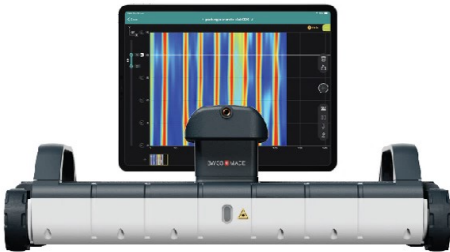
▶ **PRECISION LOCATOR**

PEARPOINT



▶ **PIPELINE INSPECTION**

NON DESTRUCTIVE TESTING - CONCRETE



▶ **GROUND PENETRATING RADAR**



▶ **REBOUND HAMMER**

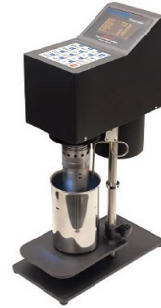
DRILLING FLUID & OIL WELL CEMENT TESTING

fann®



▶ MUD BALANCES

fann®



▶ RHEOMETER

fann®



▶ HPHT DUAL CELL CEMENT CONSISTOMETER

fann®



▶ AUTO CALCIMETER

fann®



▶ HPHT FILTER PASS

fann®



▶ AUTOMATED PERMEABILITY PLUGGING APPARATUS (APPA)

ADVANCED CIVIL MATERIAL TESTING

ELE
INTERNATIONAL



▶ **CONCRETE COMPRESSION MACHINE**

TESTING



▶ **CEMENT COMPRESSION BENDING TESTING MACHINE**

GDS



▶ **DYNAMIC TRIAXIAL SYSTEM**

GDS



▶ **PERMEABILITY SYSTEM**

Anix GmbH



▶ **PLATE BEARING TESTER**

ThermoFisher
SCIENTIFIC



▶ **NCAT ASPHALT IGNITION OVEN**

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



▶ SALT SPRAY TEST CABINET



▶ WEIGHING SCALES

Genlab



▶ WATER BATH

Genlab



▶ THIN FILM OVEN

Endecott's



▶ SIEVES & SIEVE SHAKER



▶ LAB FURNITURE



SERVICE CENTER

A Mazrul 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.

OLYMPUS +871 13631639
Olympus MEA FZ LLC
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THE VISION.
TRUST THE PROCESS.

SOKKIA



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LINK TO OUR WEBSITE

