

# *Oil & Gas Pipelines*

**INSIZE EUROPE S.L.**

# CONTENTS

- 01 Dimensional Measurement (Measuring Tools)
- 02 Dimensional Measurement (Measuring Instruments)
- 03 Component Analysis
- 04 Mechanical Testing
- 05 Flaw Detection Testing
- 06 Surface Inspection
- 07 Roughness Measurement
- 08 Hardness Testing
- 09 Metallographic Inspection
- 10 Coating/Plating Thickness Measurement
- 11 Reliability Testing
- 12 Working Condition Inspection



Digital Calipers



Digital Micrometers



Digital Outside Micrometers



Carbon Fiber Bore Gauges



Digital Depth Gauges



Digital Thread Pitch Measuring Instruments



Digital Thread Taper Measuring Instruments



Digital Thread Height Measuring Instruments



**Digital Thread Crest Diameter Measuring Instruments**



**Digital Groove Width Measuring Instruments**



**Digital Groove Diameter Measuring Instruments**



**Carbon Fiber Comparison Gauges**



**Buttress Thread Run-Out Gauges**



**Buttress Thread Tooth Thickness Gauges**



**Welding Gauges**



**Plug Gauges**

# 02

## Dimensional Measurement (Measuring Instruments P1)



Quick Measurement Systems



CNC Vision Measuring Systems



Roundness Measuring Machines



Measuring Arms



Coordinate Measuring Machines



Surface Profile Measuring Machines



Handheld 3D Scanners



Length Presetters



Wireless Digital Measuring Tapes  
+ Laser Distance Meters



Height Gauges



Air Gauge And Displays



Ultrasonic Thickness Gauges

# 03

## Component Analysis



Handheld XRF Alloy Analyzers



Handheld Libs Spectrometers



Spark Direct Reading Spectrometers



RoHS Analyzers



Carbon And Sulfur Analyzers



Oxygen/Nitrogen/Hydrogen Analyzers



**Electronic Universal Testing Machines**



**Impact Testing Machines**



**Electronic Torsion Testing Machines**



**Vertical Bending Testing Machines**



**Servohydraulic Fatigue Testing Machines**



**Manual Spring Testing Machines**



**Magnetic Powder Flaw Detectors**



**Eddy Current Flaw Detectors**



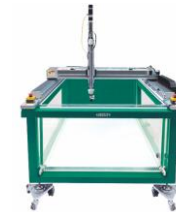
**Ultrasonic Flaw Detectors**



**UV/White Light Flaw Detection Lights**



**Fluorescent Penetrant Fluids**



**Ultrasonic Water Immersion Detection Systems**

# 06

## Surface Inspection



Videoscopes



Multipurpose Videoscopes



Zoom Stereo Microscopes



Surface Roughness Specimen Sets



Roughness Testers



Roughness Measuring Machines



White Light Interference Measuring Microscopes

# 08

## Hardness Testing (P1)



Brinell Hardness Testers



Vickers Hardness Testers



Rockwell Hardness Testers



Leeb Hardness Testers



Aluminum Hardness Testers



Ultrasonic Hardness Testers

# 08

## Hardness Testing (P2)



**Digital Magnetic Rockwell  
Hardness Testers**



**Magnetic Brinell Hardness  
Testers**



**Magnetic Brinell and Rockwell  
Hardness Testers**



**Portable Brinell and Rockwell  
Hardness Testers**



**Hydraulic Brinell Hardness  
Testers**



**Chain Type Hydraulic Brinell  
Hardness Testers**



**Automatic Precision Cutting  
Machines**



**Mounting Presses**



**Automatic Grinders And  
Polishers**



**Metallurgical Microscopes**



**Metallurgical Microscopes**



**Metallurgical Analysis Software  
And Cameras**



Coating Thickness Gauges



XRF Plating Thickness Instruments



Coating/Film Thickness Measurement Systems

# Reliability Testing



Temperature And Humidity Chambers



Thermal Shock Test Chambers



Salt Spray Test Chambers



Gas Detectors



Industrial Acoustic Imagers



Holiday Detectors



Infrared Thermal Imaging Cameras



Infrared Thermometers



Bimetallic Thermometers