

# HORUS METROLOGY

## CAPABILITY STATEMENT

### INFORMATION



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### DESCRIPTION OF CAPABILITIES

Horus Metrology is a company specialized in metrology equipment and services, providing high-precision measurement solutions for the industry.

We offer a wide range of products and services, including:

- Customized automatic inspection cells.
- LVDT, laser, and AI-powered camera measurement systems.
- Development of custom applications in Python.
- Design and manufacturing of manual and automatic fixtures.
- Sales of measurement and metrology equipment.

### DIFFERENTIATORS

- Development of turnkey projects tailored to each client's specific needs.
- A team with extensive experience in metrology and automation.
- Personalized and consultative service, ensuring customized solutions.
- Fast and efficient response, prioritizing customer satisfaction.
- Training and post-sales support to maximize equipment performance.
- Agile and flexible processes, adapted to the requirements of each project.

### EXPERIENCE

Automated inspection cell with laser scanning.

#### MAGNA

The design, integration, and commissioning of a customized inspection cell for MAGNA were carried out, aimed at measuring doors for its client. The project incorporated the following technologies:

- MetraScan Black-R for high-precision measurement.
- ABB IRB4600 robot for process automation.
- MetrologX4 i-Robot software for measurement analysis and control.

Automatic measurement booth with LVDT and laser.

#### BOCAR GROUP

The design, integration, and commissioning of an automated booth for measuring specific surface points according to customer requirements are being carried out.

- This system combines high-precision LVDT sensors and laser technology, ensuring accurate and reliable measurements. Additionally, it features a Python-developed interface, optimized for efficient and customized control.

Cell for the taping and pressing process.

#### YANFENG

The design, integration, and commissioning of an automated cell for the taping and pressing process are being carried out, optimizing the production of the main screen installed in a vehicle manufactured by the client.

- The system incorporates AI-powered camera inspection, ensuring precision and quality control at every stage of the process.

### KEY CLIENTS



### NAICS CODE

- 334513: Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables.

**DUNS: #118994283 USA**

**DUNS: #951746516 MÉXICO**