

A World of In-Line  
Gauging Solutions



## History of AIS

AIS Gauging was initially founded as Industrial Maintenance Engineering in 1997 in Terre Haute, IN. We began as a provider of service, repair, and technical support for multiple brands of existing gauging systems throughout the United States. AIS utilized the knowledge and expertise gained through working with the different system designs and real customer process requirements to develop our current line of gauging systems. AIS Gauging systems focus on providing the optimum combination of sensors, frames, and user friendly software, offered in easily integratable systems, has made us one of the leading gauging system companies in the world. In 2019, AIS acquired INDEV-ACT out of Dublin, OH. This acquisition provided additional sensor and frame technology further expanding the offerings of AIS while providing an influx of intellectual property and personnel, thus growing AIS's capabilities even further.

## Today with AIS

AIS Gauging now offers a multitude of system combinations through an assortment of frame sizes, each supporting single or multiple sensor configurations, along with software that integrates into any application. Never ignoring our roots, AIS currently provides the most comprehensive service and support capabilities for all the systems we deliver. This includes a 24-7-365 remote support guarantee which is offered at no charge for the life of your system. In addition, we offer free software upgrades forever.

AIS still offers complete upgrade and rebuild capabilities for other brands of systems as well. We even offer full service and support packages where we take complete responsibility for the maintenance and upkeep of your existing gauging system.

## Future for AIS

Through continued investment in technology, manufacturing capabilities, and software development, AIS is committed to ongoing improvement of our gauging offerings. In addition, our industry leading service and support will always remain a top priority. However, we will never forget the one thing that holds it all together, people. AIS is committed to our customers, vendors, representatives, and employees to act with integrity while doing whatever is required to enhance our position as the worldwide leader in gauging systems.

Quality is not just a word,  
it is an attitude, Our attitude.

At AIS this attitude not only shows up in the way we design and build our systems, it shows up in how they perform. If you are not getting useful data from your gauge, it's time to upgrade to an AIS system!



# Sensor Technologies

AIS produces a complete suite of sensors with technologies to meet every measurement requirement. Both Nuclear and Non-Nuclear sensor options are offered. AIS technical personnel will work together to select the best sensor or multiple sensors for any application. This ensures the quality and accuracy of the measurement as well as the end product of the process.

## AIS Sensor Technologies:

- Beta
- Gamma
- Terahertz
- X-Ray
- Gemini X-Array
- Laser
- Microwave
- Shadow
- IR Transmission
- IR Reflectance
- Interferometer



# Frame Technologies

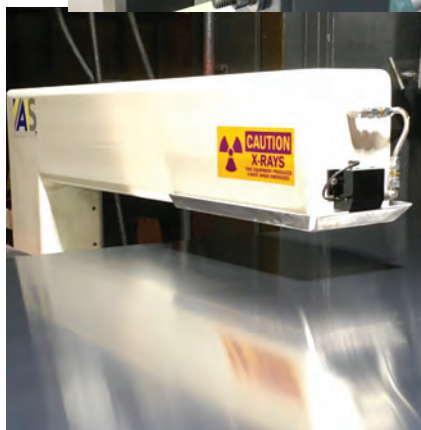
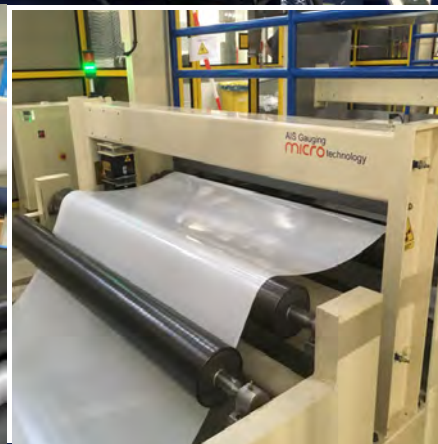
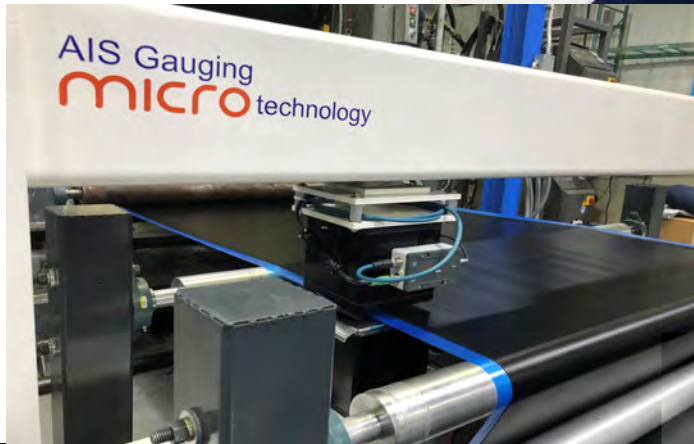
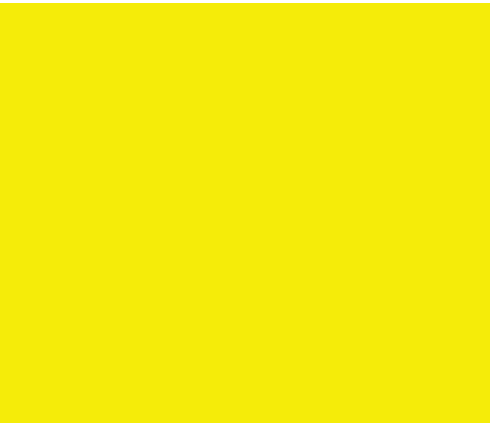
AIS produces several sizes, styles, and types of industrial sensor frames. Each are designed for continuous operation in the most difficult manufacturing environments. They are offered in multiple standard configurations in addition to custom designs that will meet any application and installation space requirement. AIS frames are built with the highest quality components to ensure long-term functionality, stability, and durability.

## Frame Features and Options include:

- Flexible control locations
- Designs to fit in tight places
- Mounting in any direction
- High temperature applications
- Class 1 Div. 1 options
- Air Purged options
- Fixed Frame (non-scanning) options
- Extra Harsh Environment options

## AIS Frame Technologies:

- Macro-Frames
- Micro-Frames
- Nano-Frames
- C-Frames
- Monobeam-Frames



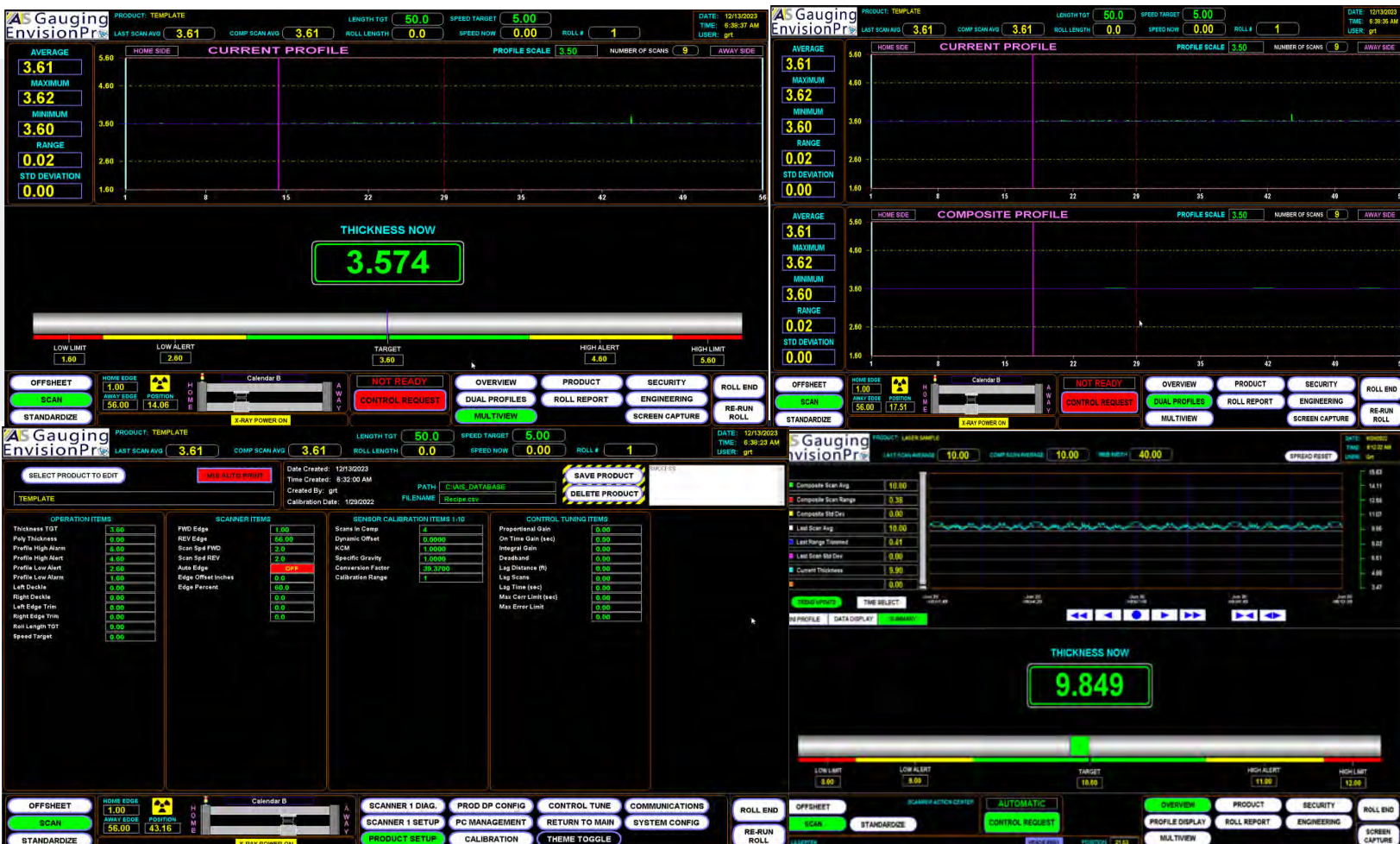
# Software and Control Systems

Simplicity and ease of use are key to AIS system software packages. AIS utilizes the industry standard Wonderware graphical interface package. Wonderware is a highly scalable, complete SCADA system that is ideal for measurement systems. Combined with an Opto22, or any PLC control system, Wonderware provides continuous measurement with realtime feedback response and highly detailed data capture for companies needing more advanced control functions.

From simple to complex, AIS controls provide the perfect balance between optimized process control and HMI user friendliness. Whether it is automatic die control in plastics, cascade control in paper, coating control or complex galvanizing control in metals, AIS systems have the capability to get the most out of your process lines.

## Feature / Benefit

- WonderWare Intouch graphical HMI
- Easy to use industry standard and integratable
- Open architecture software design
- No “black box” proprietary software to manage
- Real-time process data displayed
- Maximize operator efficiency and process knowledge
- ATM Automated Target Management
- Quicker profile optimization
- Quality reporting software
- Archiving and analysis capability
- Off-the-shelf components
- Design simplicity, readily available parts, reduced downtime



# AIS Gauging Locations



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