



WEB MEASUREMENT EXPERT

AIS GAUGING was originally formed under the name Industrial Maintenance Engineering in 1997, as one of the original American founder and patent holders of web measurement solutions.

Through technical expertise comes from deep practical experience and invaluable knowledge, continued investment in development, strategic and open architecture solutions, AIS GAUGING is now one of the premier provider in in-line non-contact Web Measurement and auto process control globally for most flat material production applications :

● PLASTICS EXTRUSION

- Extruded sheet film
- Biaxially orientated (BiAx)
- Cast films
- Multi barrier films

● NYLON, EVA, EVOH

● COATING & LAMINATIONS

- 3-Layers
- 5-Layers

● NON-WOVEN & TEXTILES

● CALENDARING : PVC, RUBBER

● PAPER MILLS

- Kraft paper
- Cardboard & Paperboard
- Special paper

● METAL MILLS

- Rolling mills
- Coating

● GLASS

● FOAM

● BUILDING PRODUCTS

● ENERGY



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AIS GAUGING **Solutions For PAPER INDUSTRIES**

The paper industry encompasses a wide range of processes and applications. Understanding these processes is essential to delivering accurate measurement and control. Since 1997, AIS GAUGING has been directly involved in the measurement, development, and implementation of complex paper process control systems. AIS GAUGING provide real time measurement system with a complete suite of sensor technologies suitable to measurement parameters of all types of paper.



Paper Applications include

- Cardboard and Packaging Materials Paper
- Kraft Paper
- Board Paper
- Specialty Paper, Coated paper
- Tissue Paper

Measurement

- Basis weight
- Moisture
- Thickness
- Ash

Made in the USA, and Supported Worldwide



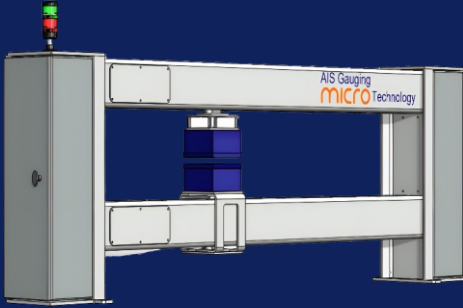
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MEASUREMENT & CONTROL Solutions Provider Globally for the measurement :

- Basis weight
- Multi Barrier Layer Film
- Coating Weight
- Moisture
- ASH

ARRAY OF SCANNER FRAMES

- Industrial O-frame
- Industrial C-frame
- Industrial I-frame
- Mono beams, Multi sensors



SENSOR TECHNOLOGY

- Beta : Kr85 , Sr90
 - Low Energy
 - High Energy
- X-ray : 5 Kv – 120 Kv
 - Transmission
 - Backscatter
 - Fluorescence
 - Dual Xray
- Gamma : AM241
- Near Infrared
- Terahertz
- Laser
- Capacitance
- Eddy Current
- Caliper
- Ultrasonic
- Microwave

Process Control Strategics

AIS Gauging provides one of the fastest and most stable complete specific close loop auto profile control techniques for fast and precise control for the paper industry to improve the performance of a process.

- Headbox control
- Stock Valve Control
- Steam Valve Control
- Cascade control



Key Features

- Non-proprietary off-the-shelf components
- No forced obsolescence
- Easy integration & IO exchanges
- Same –spot measurements
- Complete solution for each different application
- Customized Approach to Every System
- 24/7 online Support
- Upgrades to Competitor systems



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ASIA PACIFIC

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