



# Automated Interface Solutions

Non-Contacting Web Measurement and Control Solutions

## ATLAS/APOLLO Gauging Solution

### Plastics Manufacturing and Converting

#### Web Measurement

AIS Gauging is an industry leader in web measurement technologies providing our customers with the most advanced measurement and control of thickness, coat weight and basis weight. Our sensor designs provide best-in-class speed, accuracy and reliability.

#### Olympus C-frame or O-frame

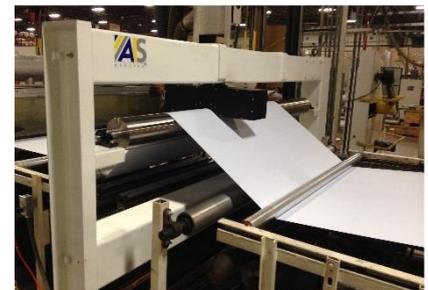
Designed as the most rugged frame on the market for the most demanding applications. Includes either our Apollo beta sensor, Atlas X-ray sensor, or our Triton moisture/coat weight sensor. Each offers the best-in-class resolution and product measurement accuracy.

#### Process Control

Innovation and expertise are key ingredients for us. Our engineers are committed to providing the most advanced algorithms for both MD and CD controls. Coupled with our WonderWare™ Factory Suite™ HMI, we provide unparalleled ease of integration with existing controllers and plant network devices.

#### **BENEFITS:**

- Faster product changes
- Scrap reduction
- Manufacturing cost savings
- Better product quality
- Installs easily and integrates seamlessly
- Quick ROI



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## PROVEN, CAPABLE SOLUTIONS for CONVERTING INDUSTRY

**SAME-SPOT Measurement:** Precisely coordinates the sampling and data collection of substrate and coated product gauges to provide accurate, responsive coat weight measurement by directly linking scanning speed to the process line speed. Accurate measurement is maintained throughout line speed changes.

**FAST-START:** Fast Start provides an early indication of coat weight during start-up and product changes and is valuable for multi-scanner measurement configurations. Once the process lag-time between scanners has passed, the system automatically transfers scanner timing to provide Same Spot functionality.

### Specialty Coat Weight Measurement Options:

**Gap Exclusion** software measures the coat weight of 'patch coatings' and excludes measuring the uncoated machine direction and cross direction areas between coating deposition.

**Pattern Recognition** software measures the coat weight of 'stripe coatings' and ignores the machine direction gaps between the applications.

**Explosion-Proof and Harsh Environment Equipment Options** available with Class 1, Division 1, Group C & D approved designs.

### Textile Coating

- PUR
- Latex
- Silicon, stain resistant
- PVC

### Coil and Metal Foil Coating

- Wax, Oil, Chromate, Polymer, Lacquer on Steel
- Adhesive, Wax, Oil, Lacquer on Copper
- Adhesive, Polymer, Wax, Oil, Lacquer on Aluminum
- SPECIALITY Coating: Lithium Ion, Dry Photoresist, Optical Films, Window/Glazing films, Magnetic

### Paper Coating

- NCR (carbonless)
- Thermal Coating
- Adhesive Coating
- Silicon Coating

### Polymer Film Coating

- Adhesive Labels, Tapes and Dermal Patches
- Laminating Pouches and Protective Films
- PVDC
- Abrasives Manufacturers: Makers/Sizers

## LEARN MORE

Contact us in Terre Haute, IN, at 812-466-5478 to learn more about our company and our gauging services. Visit us on the web: [www.AISGauging.com](http://www.AISGauging.com)