



Quad Plus®

Web Gauging Systems for Building Products

General Building Products



A Quad Plus gauging system will ensure you are producing high quality building materials that improve your product quality and bottom line.

The Quad Plus measurement and control system for building materials provides a state of the art, gauging solution that provides repeatable, and superior control of the process in the manufacturing of TPO/PVC roofing, PolyIso Foam, Asphalt roofing, Shingles, Glass mat and other building products that may be challenging measurement environments.

Our systems are designed and built so that they are simplistic in design making them very robust, reliable, and easy to maintain. Sensor and frame configurations are tailored based on installation area, specific product being measured, and customer specific requirements. We have also implemented design features that allow use in challenging and hostile environments.

Measurement Solutions

QP Gauging offers a wide range of gauging solutions for your unique measurement needs. Our highly experienced engineers will assist in finding the optimum solution for the online measurements of:

- Basis Weight Thickness
- Coating Thickness
- Moisture Percentage
- Multi-Layer Thickness
- Single Sensor Density
- Delamination

Seamless Integration

QP Gauging offers seamless integration into your existing control system or a superior fully integrated control system solution. We excel in our integrated drive control, APC control, Machine Direction (MD) control and SCADA integration for a full process ecosystem control.

Sensor Technologies

In order to be able to provide the best and most accurate gauge system in the market, QP Gauging offers a variety of Sensor technologies to suit your specific needs.

- BETA (Sr-90 and Kr-85)
- Terahertz
- X-Ray & Laser
- Near Infra-Red

How Gauging Systems Improve Operations



Maximize Raw Materials

Our gauging systems allow you to monitor the thickness of your product with such precision that you can reduce the thickness by as little as 0.01mm and realize significant annual savings. For example, in tire production, a typical plant might allow as much as a 0.025 reduction in gauge, resulting in over \$1.2 million in annual savings.



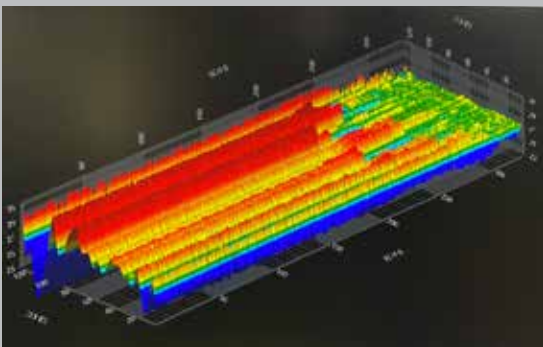
Reduce Waste

Production defects cause waste and use resources such as raw material, labor, energy, and time. Defects provide no value to customers and have an impact on your bottom line. Our gauging systems give you the ability to identify defects in real-time, so you can correct issues sooner and minimize waste.



Improved Production

As your production line and gauging system run in parallel, you'll be able to identify and correct product defects before they occur. Your output yield will be increased as your production line will run without serious interruptions and extended downtime.



Gauging System Software and Reporting

Our software takes the data collected during the process and implements this into an HMI system that is easy to understand by operators and gives information at just a glance of the screen. We provide CD (cross direction) and MD (machine direction) trends that show pertinent information about the process. We also have 2D and 3D models of the data to make a better visualization of the process.

Long term reporting and storage of product data can be useful for tracking and verification of issues at a later date. Our software stores the data for each production batch in a database that can be accessed at a later date for evaluation.

Connect with us



www.quadplus.com

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