



**WAGNER<sup>®</sup>**  
**METERS**  
*Unleash Your Expertise*



**omega**  
MOISTURE MEASUREMENT SYSTEM

## Why Partner with Wagner Meters?

We are proud of our reputation for servicing customers efficiently and in a timely manner when problems arise. With Wagner, you get the long-term premium support you deserve for all of your Wagner products. This includes remote online support and troubleshooting of system hardware and software.

Remember, when you partner with us, we become a part of your team.

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502-OMEGA-001 REV A

## Moisture Measurement, Detection, and Data Analysis for Primary and Secondary Wood Products Manufacturers

Proudly Made in America by Wagner Meters

Whether your company is a primary lumber mill or a wood products producer, our Omega In-Line Moisture Measurement System should be your most important moisture measurement and analysis tool.

Omega, our latest generation of moisture measurement systems, continues our legacy of providing comprehensive and robust moisture measurement and data analysis tools that are so critical now for modern sawmills and wood manufacturing operations.



Whether upstream or downstream of your planing or moulding operation, a sideways or end-to-end configuration, the benefits of having our Omega system are the same: Improving your kiln drying, your grade recovery, and your bottom line by minimizing moisture-related defects, excessive drying energy costs, wet claims, and overall moisture quality control issues.

## A Closer Look at Our Omega Systems

### SIDEWAYS CONFIGURATION

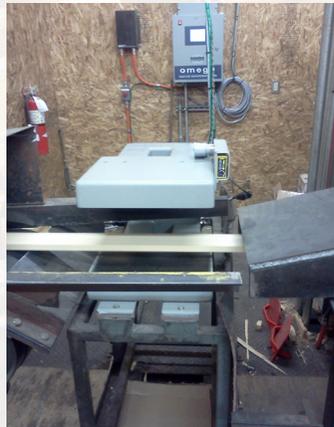
Up to eight sensors can be installed between the chain races. Boards pass over sensors and multiple moisture content (MC) readings are taken on every piece. Those with too high or low MC can be dropped out or spray-marked.

Need longitudinal measurement of lumber/wood components? Choose our end-to-end Omega system.



### END-TO-END CONFIGURATION

When installed on the outfeed side of high-speed planers or moulders, Omega's single sensor scans your lumber, flooring, or wood components at over 300 measurements per second. This Omega configuration is preferable when there is a need to identify wet pockets along the length of lumber to be used by laminated beam manufacturers, or to isolate and trim out wet areas within strip flooring.



## Moisture Data Collection and Analysis

Whether you need to improve your kiln drying QC in a high production lumber mill, or are a door/window, wood flooring, or cabinet manufacturer, or other remanufacturing or wood products operation with the need for tight moisture QC ...

*"You can't know where to go until you know where you are."*

Omega's optional data collection and analysis software, which gathers moisture data from every measured board, is a comprehensive tool to help pin down kiln drying or moisture related manufacturing problems and can assist in the identification of lumber suppliers that are not meeting your moisture specifications.

With in-depth kiln analysis in a primary mill, our Omega system allows you to map packages in the kiln and determine hot or cold spots based on moisture data from the planer mill. Moisture data by product is also available.

For the wood products manufacturer, you are able to analyze your key lumber suppliers and, if necessary, help them provide lumber that better meets your moisture criteria.

## Omega: Designed to Be Durable in a Very Challenging Environment

From the sensors to the main cabinet, our Omega system has been ruggedly and thoughtfully designed to stand up to the tough lumber mill or wood manufacturing environment.

Looking inside Omega's weather-resistant cabinet, you'll find very durable, industry standard input/output modules that are convenient for wiring and easy to replace.

The industrially-hardened LCD touchscreen user interface is resistant to moisture, dust, and other harsh elements.

An easy-to-navigate menu allows for quick set-up and configuration of your system.

- Serial interface capability for common grading systems
- Four outputs available for different levels of spray marking or sorting logic
- Remote keypad or barcode interfacing available for entry or scanning of kiln tags
- High scan rate for the fastest of planer/chain speeds