RSI
Radiometric Services & Instruments, LLC
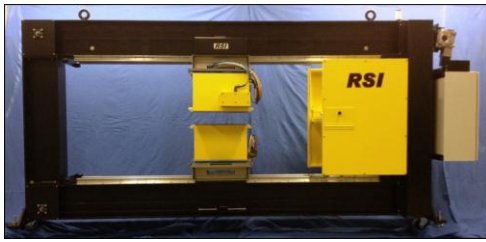Your #1 source for thickness and coating gauge needs.

COATING WEIGHT GAUGES
## for CGL, EGL and ETL

Single Coatings: Zn, Al, Sn and Cr
Total Coating: Galfan, Galvalume, Galvanneal, Zn/Ni, Zn/Mg
Option: % Fe content, % Al content, % Ni content

GaugeMaster Coating Gauge for Metal Coatings

The GaugeMaster system is a high performance coating weight gauge featuring low noise and fast response for the most demanding applications. High power x-ray sources are employed to provide better noise-to-signal ratios for

improved control, product quality and productivity. Differential ion chambers with selected filters ensure high sensitivity and immunity from Compton backscatter effects.
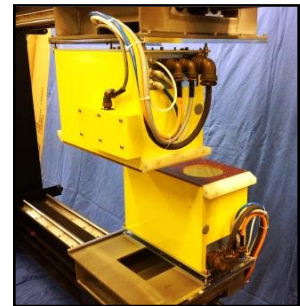
The GaugeMaster system features a Main Electronics Cabinet with Touchscreen Technician's Panel mounted on the front door with extensive diagnostic capabilities. The networked design provides flexibility and easy interfacing to our customers' control systems.

The measuring heads are mounted on a rugged O-frame of proven design, available in standard sizes to cover various strip widths. Single beam scanners can be supplied for installation in locations where O-frames cannot be mounted.

Multiple Measurement modes include:
- Single Point - Measuring heads positioned at any point across the strip
- Continuous Scanning - Measuring heads scan continuously from edge to edge
- Triple Spot – Measurements are taken at a selectable distance from the near edge, center and a selectable distance from the far strip edge.

A closed loop chiller for cooling the x-ray sources and many other optional features are available. Options include split frame scanners, collimated x-ray beams for ridge detection and measurement close to the strip edges, Coil Reports and Archiving.

RSI systems feature Linux-based software for enhanced reliability. Additional reliability is achieved by using separate CPU's for measurements and communications, together with solid state hard drives.

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RSI
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