

## Thickness Gauges

### Hot Mills – Cold Mills – Process Lines



RSI provides thickness gauges for most flat rolled metal applications. Ruggedly designed for the most demanding applications, RSI's experience in radiation gauging is unparalleled in the industry. From new x-ray thickness gauges to upgrades of older model x-ray and isotope gauges, RSI provides the most cost-effective solutions for your gauging applications.

Our unique electronics package provides extremely high speed measurement processing, constant monitoring of system status, and alarm logging together with a complete package of diagnostic tools. When configured to control two sets of measuring heads, significant cost savings can be realized in reversing mill and other applications.

Linux-based software provides reliability superior to most competitive systems, as well as freedom from future obsolescence and support issues. Additional reliability is achieved by using separate CPU's for measurement and communications/graphics.

## Sources / Detectors



We believe that the key to successful measurement lies in the manufacture of rugged, reliable and stable radiation sources and detectors. At RSI, our engineering team constantly evaluates the performance and longevity of these critical components, making improvements on an on-going basis. RSI's x-ray sources and detectors are mechanically and electrically backwards compatible with those used in many older gauges so that the customer benefits from improved performance, while minimizing the requirement for additional costly spare parts.

When combined with our special calibration and standardization algorithms, these sources and detectors deliver years of stable, dependable operation with guaranteed accuracy and repeatability.