

# RSI

Radiometric Services & Instruments, LLC

Your #1 source for thickness and coating gauge needs.

07032014

## Recycle Your Old Gauge with an RSI Upgrade Package

**The computer system in your old gauge might be obsolete,  
but the frame and sensors are not.**

An upgrade from **RSI** will make your aging thickness or coating gauge perform even better than when it was brand new.

**RSI** upgrade packages offer faster measurement speeds, network connectivity, improved event logging and diagnostic capabilities for a fraction of the price of a new gauge. Most upgrades can be installed in a few days, minimizing the costly downtime associated with the installation of new gauging systems and reducing installation costs.



A typical upgrade requires only the installation of a new Main Electronic Cabinet (MEC) and an optional remote operator panel.

The MEC houses an LCD touchscreen color display for technician or operator use, plus a high-speed processor. A flash drive, 16-bit analog-to-digital channels and 48 channels of configurable digital inputs and outputs insure reliable and accurate measurements. Ethernet, Profibus, OPC or Serial Communication Links are available, permitting seamless integration into your existing mill automation system.

All power supplies are protected by circuit breakers and are monitored and alarmed for malfunctions so that a malfunction in any of the power supplies will be alarmed. All wiring and terminal blocks associated with the power supplies are color-coded throughout the system for ease of troubleshooting. Alarm logs and history files facilitate troubleshooting of events.

**RSI** upgrades re-use the existing radiation sources and measuring frames. **and we can often re-use (or upgrade) existing detector units, reducing the cost of new spare parts inventories.**



Our hardware and software are designed to minimize future obsolescence issues; and we back everything up with a 10-year support guarantee.

**At RSI, the Customer is Number 1!!!**

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