



A Family Company Since 1919

X-RAY THICKNESS TESTING CAPABILITY

In September 2004 Wisconsin Plating Works enhanced its testing capabilities by upgrading and replacing its X-Ray Fluorescence measuring (XRF) instrument. The new Fischerscope® X-Ray XDL® instrument measures coating thickness and performs material analysis using energy dispersive X-ray fluorescence (EDXRF) per ASTM B 568/ISO 3497 standards. EDXRF is a state-of-the-art method of measurement that provides quick, non-destructive, multi-element analysis and coating thickness measurements. With the new equipment, thickness measurements and alloy composition of multilayer deposits are accurately measured. In addition, the software to operate the Fischerscope® X-Ray XDL® includes statistical reports, a materials library, solution analysis capabilities and video imaging magnification (100x to 400x) for documenting measurement location and for visual inspection or analysis of parts. The video imaging capability allows bitmap images to be captured. Statistical results and thickness test reports, along with video images can be stored, sent, printed, and accessed via the company network as required. The purchase of the new Fischerscope® X-Ray XDL® shows Wisconsin Plating's commitment to the continual improvement of its quality system and meeting customer needs. If you have any questions or need further information on Wisconsin Plating's testing and laboratory capabilities, please contact us.