



Unique Measurement Geometry and Entry-Level Price Distinguish New XRF Measurement System

Schaumburg, IL. January 15, 2019. Bowman, a US manufacturer of XRF quality control instruments, has debuted an important addition to their suite of benchtop XRF plating measurement systems.

Bowman's G Series XRF is a robust system that's ideally suited for the analysis of precious metals – also tin or nickel - on printed circuit boards, wafers, connectors and other electronic components.

Its two most distinctive features are “bottom-up” measurement using a motorized Z-axis with laser-based autofocus, and precision video imaging. An available manual XY stage with 1.5 X 1.5” travel facilitates easy positioning of small and large parts.

The standard G Series configuration includes a single fixed collimator, solid-state PIN detector, and long-life micro-focus x-ray tube. As with all Bowman models, the components can be upgraded to include multiple collimators, a variable focal camera, or an SDD detector.





Like others in the Bowman XRF portfolio, G Series instruments simultaneously measure up to 5 coating layers, 10 elements in each layer; up to 25 elements in all. Element range is Al (13) through U (92.)



To quantify coating thickness from the detected photons, G Series systems run advanced Xralizer software. Xralizer combines intuitive controls with time-saving shortcuts, extensive search capability, and "one-click" reporting. The software also allows easy creation of new applications by the user. Equally important: G Series XRFs are full-access instruments from the day of install: there are no dongles or lock-outs to complicate, delay, or add cost.

Bowman's G Series desktop XRF is ideal for quality labs and production environments. It is highly advantageous for users with limited benchtop space - or budget limitations. G Series XRFs are ideal for both plating thickness and solution analysis.

Bowman is a leading manufacturer of precision XRF coating measurement systems, with a robust local service network that provides same-day response for every benchtop XRF requirement, worldwide. Equipment evaluation,



selection, commissioning, maintenance and modernization is provided for users of all Bowman instruments, as well as other major XRF brands.

Bowman *Superior technically. Supported locally. Manufactured in the USA.*

▶ 1125 Remington Rd. Schaumburg, IL 60173 ▶ 847.781.3523

▶ www.bowmanxrf.com ▶ sales@bowmanxrf.com