

SPECTROSCOUT_{kt}

PORTABLE ED-XRF ANALYZER



Accurate precious metals
assays — anywhere



SPECTROSCOUT

Rapid, reliable results for
precious metals analysis on the spot

Any business that must perform incoming inspection, quality monitoring, or hallmarking of precious metals and alloys — from hallmarking centers, showrooms, assay offices, jewelers, and pawn shops to jewelry makers, refiners, and recyclers — needs an elemental analyzer that meets some challenging requirements.

Affordability is always key. Small operators have comparatively little cash for equipment. Larger concerns face unrelenting pressure to keep costs low and profits high. But affordability must still buy good performance. Smaller pieces demand small analysis spot size. The content of gold, silver, and other precious metals and alloys must be measured — quickly, precisely, accurately, and nondestructively — for fast valuation.

Finally, any analyzer must suit the site. It should be compact enough to deliver portability and a small footprint; durable enough for constant operation; and easy to use with little training.

One robust, proven solution delivers fit-for-purpose results — onsite — with speed, affordability, accuracy, and ease. The new, improved SPECTROSCOUT analyzer is the perfect choice.

SPECTROSCOUT Portable Energy-Dispersive X-Ray Fluorescence (ED-XRF) Analyzer

With technology based on the proven, popular SPECTRO xSORT handheld, the latest SPECTROSCOUT analyzer provides much of that instrument's ease of use and onsite transportability. But its robust construction and silicon drift detector (SDD) X-ray technology — with performance superior to that of the Si-PIN detectors used in many competitive instruments — also packs some of the analytical power of advanced benchtop laboratory analyzers like the SPECTRO MIDEX and SPECTROCUBE D. Thus SPECTROSCOUT can deliver fast, dependable, nondestructive analyses on the spot — all at surprisingly low cost.

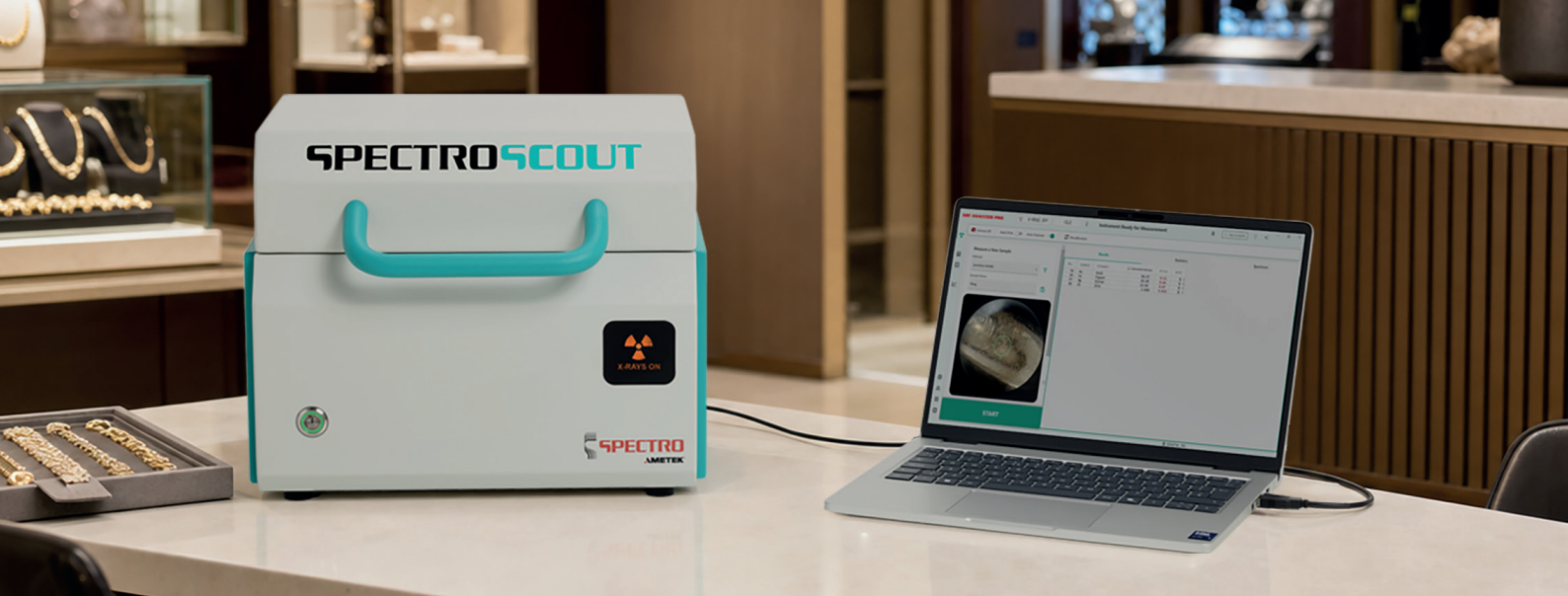
EXCEPTIONAL PERFORMANCE

SPECTROSCOUT provides precision and accuracy over the wide range of concentrations typically found in precious metals alloys. Critically, it also offers rapid readout — only 30-90 seconds per measurement! And standardization takes just 1 sample. So high performance and maximized throughput make SPECTROSCOUT a superb solution for shops or portable use, or an ideal backup system for larger operations.

COMPETITIVE COST

The SPECTROSCOUT analyzer's purchase price is highly competitive with other instruments in its class. Most of all, its fast, accurate results enable jewelry assayers and recyclers alike to make precise assessments in minimal time — for sustained profitability.





SPECTROSCOUT

The advantages of advanced science

SPECTROSCOUT brings high performance to onsite analysis. For example, it applies a fundamental parameters (FP) screening method similar to that used in SPECTRO MIDEX and SPECTROCUBE D analyzers. Accuracy may be further enhanced via optional customer-specific calibrations.

For less expert users (and their customers), SPECTROSCOUT also creates confidence by demonstrating clear levels of scientific precision. Compared to the subjective-seeming process of old-fashioned touchstone assays, the instrument's reliably accurate digital readouts provide the reassurance of true valuations.

NO COMPROMISES

Other instruments may compromise sample throughput, sacrificing speed to achieve adequate analytical performance. Or compromise accuracy, identifying major alloy grades but proving unable to quantify minor element amounts.

SPECTROSCOUT has no such limitations. Users get fast answers to maximize the productivity that their busy operations demand. And SPECTROSCOUT covers the relevant elements – 25 total – in precious metal alloys.

COMPACT DESIGN

Easily transportable, the unit packs a large sample compartment plus high-performance components into a small footprint. So SPECTROSCOUT is ideal for crowded counters and benchtops — or any area demanding a tight fit.

MEASURING UP IN THE SHOWROOM

One key application: point-of-sale analysis. For example, analyzing a piece of jewelry in a high-volume showroom, SPECTROSCOUT can quickly determine that no unwanted elements are present. Even more critically, it can verify that the actual purity measures up to the hallmark. Result: a fast, accurate, high-confidence validation.

SPECTROSCOUT

Software, service, and added solutions

USER-CENTRIC SOFTWARE

Simplified software with predefined application packages supplies an intuitive interface, with one menu level and all relevant information on a single screen. A fully configurable grade library aids in rapid, reliable identification of precious metal and alloy grades. Comprehensive data management provides full access to all analysis results and measured spectra, past and present.

An integrated video system offers 1 mm spot testing for precise evaluation of small pieces and mixed alloys, with easy sample positioning plus image storage. SPECTROSCOUT connects via USB cable to proven SPECTRO XRF Analyzer Pro software — running on your Windows-based tablet, laptop, or PC.

It's all simple to use and maintain, even for operators without specialized knowledge.



SPECTROSCOUT

PORTABLE ED-XRF ANALYZER



GLOBAL SUPPORT

Users can maximize SPECTRO analytical reliability and uptime with AMECARE Performance Services.

Hundreds of support engineers, based in over 50 countries, are highly trained in just the relevant technologies. So they can deliver focused, fast, smart, on-the-spot service. Results: virtually uninterrupted performance plus maximum ROI over your instrument's life.

Available programs include targeted training (onsite as well as ultra-convenient online), plus proactive performance maintenance, performance upgrades, applications solutions, consultation, and ongoing support. Secure, unidirectional SPECTRO PROTEKT global monitoring even offers remote diagnostics and alerts!



FULL FAMILY OF ANALYZERS

SPECTRO offers a comprehensive suite of advanced elemental analyzers. Besides SPECTROSCOUT, ideal X-ray fluorescence (XRF) spectrometers for precious metals jewelry and recycling applications include the versatile SPECTRO MIDEX benchtop analyzer; the compact, high-throughput SPECTROCUBE D benchtop; and the go-anywhere SPECTRO xSORT handheld.

Whatever the product, SPECTRO's more than 40 years of experience in elemental analysis and its unparalleled record of technological innovation ensure the best results in the business.

www.spectro.com

GERMANY

SPECTRO Analytical Instruments GmbH
Boschstrasse 10
D-47533 Kleve
Tel. +49.2821.892.0
spectro.sales@ametek.com



U.S.A.

SPECTRO Analytical Instruments Inc.
50 Fordham Rd
Wilmington 01887, MA
Tel. +1 800 548 5809
+1 201 642 3000
spectro-usa.sales@ametek.com

CHINA

AMETEK Commercial
Enterprise (Shanghai) CO., LTD.
Part A1, A4 2nd Floor Building No. 1
No. 526 Fute 3rd Road East; Pilot Free Trade Zone
200131 Shanghai
Tel. +86.400.022.7699
spectro-china.sales@ametek.com

Subsidiaries:

► **FRANCE:** Tel. +33.1.3068.8970, spectro-france.sales@ametek.com ► **GREAT BRITAIN:** Tel. +44.1162.462.950, spectro-uk.sales@ametek.com
► **INDIA:** Tel. +91 89292 40910, sales.spectroindia@ametek.com ► **ITALY:** Tel. +39.02.94693.1, spectro-italy.sales@ametek.com
► **JAPAN:** Tel. +81.3.6809.2405, spectro-japan.info@ametek.co.jp ► **SOUTH AFRICA:** Tel. +27.11.979.4241, spectro-za.sales@ametek.com

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