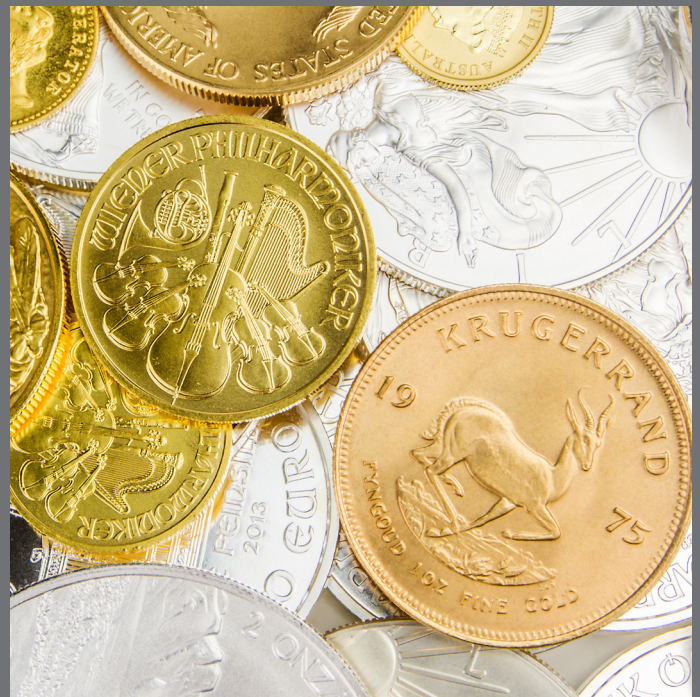
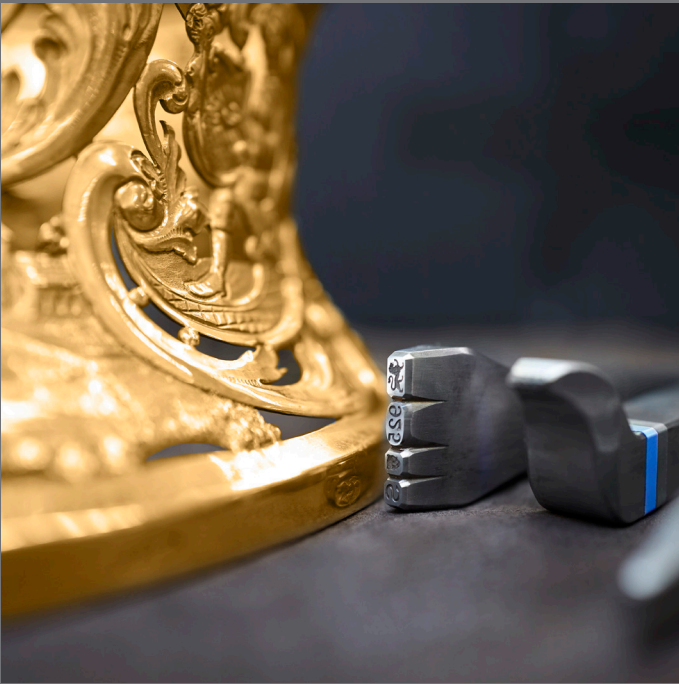




GOLDSCOPE SD[®] 600

Advanced high-end XRF Machine for Gold,
Silver and other precious Metal Analysis

fischer[®]



HALLMARKING | GOLD REFINERY | JEWELRY RETAIL STORES | PUNCH AND ASSAYING

All-in-One Solutions for Precious Metal Analysis and Coating Thickness Measurement

The new GOLDScope SD® 600 is designed as a user-friendly bench-top instrument. It is equipped with a manual operated scissor table (Lab-Jack) for Z-axis movement to measure complex samples.

A laser pointer serves as a positioning aid and supports the quick alignment of the sample to be measured. A high-resolution color video camera simplifies the precise determination of the measurement spot.

The entire operation and evaluation of measurements as well as the clear presentation of measurement data is performed on a PC, using the powerful and user-friendly WinFTM® software.

The GOLDScope SD® 600 is equipped with the in-house developed digital pulse processor DPP+. Thus, it is possible to process high count rates, translating into maximum measuring precision and shorter measuring times.

Highest accuracy with a short measuring time



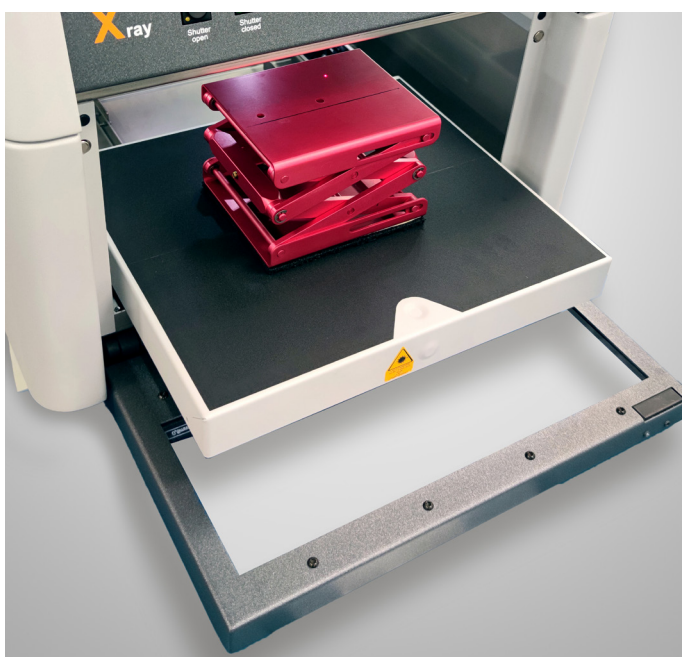
The modern Silicon Drift Detector (SDD) achieves a high accuracy and a good detection sensitivity. This results in a very high resolution. Outstanding accuracy and long-term stability are characteristics of all Fischer systems. The necessity of recalibration is considerably reduced, saving time and effort. The fundamental parameter method by Fischer allows for the analysis of solid and liquid specimens as well as coating systems without calibration.

Features

- Modern Silicon Drift Detector (SDD) for high accuracy and good detection sensitivity
- High-resolution color video camera for precise determination of the measurement spot
- Bench-top unit with front door opening
- Scissor table (Lab-Jack) for Z-axis movement
- Micro-focus tungsten tube with beryllium window
- Elemental Range: Aluminium Al (13) to Uranium U (92)
- Powerful and user-friendly WinFTM® software
- Option to remove scissor table to accommodate bigger sample

Applications

- Jewelry, precious metals and dental alloys
- Precious metal analysis eg. gold, silver and platinum group elements
- Measuring coating thickness on sterling silver, rhodium finishes or gold alloys
- Determination of multi layer-coating systems containing platinum, yellow and white gold, rhodium and silver
- Detection of PGM group elements such as Iridium, ruthenium, osmium, rhenium enabling an accurate precious metal analysis results
- Materials analysis of coatings and alloys (also thin coatings and low concentrations)



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