

PRESSEMITTEILUNG

## FEnX-T:

### Hand held alloy analyzer made in Germany

#### Dynamic mode for the best result

The new, mobile X-ray fluorescence spectrometer FEnX-T analyzes metal alloys more easily than ever before. Its unique dynamic mode automatically determines the base metal and automatically selects the correct measurement settings, the optimal measurement strategy and measurement time. The user no longer needs any prior analytical knowledge.

The spectrometer is suitable for the analysis of alloys such as chromium-nickel steels, aluminum alloys, nickel and copper base metals, super alloys, etc. Equipped with a graphene detector, the handheld instrument achieves low detection limits even for elements of small atomic numbers (such as Mg, Al, Si or S). It analyzes quickly, accurately, and completely non-destructively. The analyzer is at home wherever alloys need to be quickly identified and their composition reliably tested, e.g. in metal recycling or the quality control of metalworking companies. The device is manufactured by analyticon instruments in Rosbach v.d.H. (Germany).

#### Innovative functions optimize everyday usability

##### Data Profiles

Another innovative feature of the FEnX-T is its adaptability to the company's own workflow. The data manager can specify the desired documentation steps for the user (e.g. enter the name of the supplier, scan the order number, photograph the component, etc.).

##### Ergonomic 3-way operation

The FEnX-T is a lightweight handheld device with three navigation options: it can be operated via the touchscreen, real navigation buttons or a directional pad. This means that it can be used without restriction even in the rain, with gloves or oily hands.

##### Robustness

The FEnX-T is intended for use in scrap yards or factories. It has to withstand a lot, so it is protected against rain, dust and shocks. The FEnX-T protector reliably protects the tube and detector during measurements of pointed or sharp-edged samples. For maximum productivity, the battery can be changed while the device is in operation.

#### Unique service

The FEnX-T is a German-French joint development of Groupe Physitek. The device calibration is carried out with the specially developed Octopus robot. It ensures high quality and repeatability of

the measurement results. The analyzers for Germany, Austria and Switzerland are produced by analyticon instruments in Germany – support and service are also provided by Rosbach v.d.H. from and in German. This guarantees the best customer service and short service times.

### About analyticon as part of Groupe Physitek

analyticon instruments has been selling portable XRF spectrometers for metal analysis for more than 20 years. Since 2019, the company has been part of the French Groupe Physitek.

The French company Fondis Electronic also belongs to the same group of companies. It has been producing XRF equipment since 2016.

The joint development of the FEnX-T is a milestone for Groupe Physitek on its way to becoming a leading European provider of handheld measurement solutions in the industrial, environmental and safety sectors. The group currently has just under 100 employees.

Further information: <https://www.analyticon.eu/de/fenx-t.html>

Pictures:



FEnX-T\_BeautyShot.tif



FEnX-T\_Seitenansicht.tif



FEnX-T\_perspektivisch.tif



FEnX-T\_Messung.tif



FEnX-T\_Lightbox.tif