

**MODERN ENTEGRE
ELEKTRONİK**
Sanayi Ve Ticaret Limited Şirketi

**WE MAKE
YOUR QUALITIES
BETTER THAN OTHERS**

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ELEMENTAL ANALYSIS



Classy'X
Energy-Dispersive XRF
Spectrometer

Materials analysis without compromise

Minerals
Slag and Ores
Cement
Meals
precious metal

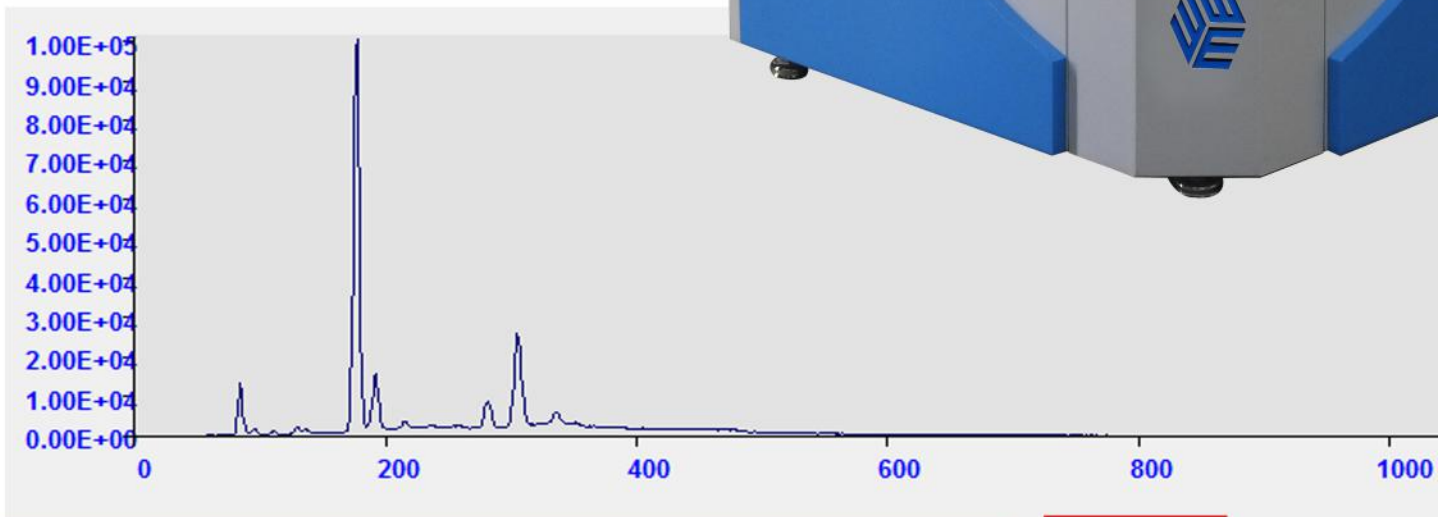
The Classy'X Energy-Dispersive X-Ray Fluorescence Spectrometer from MEE Company is a state-of-the-art elemental analyzer designed for the most challenging analytical tasks in laboratory and manufacturing environments. Its power and flexibility are indispensable for many elemental analysis applications. With the Classy'x, there is no reason to compromise on elemental range, analytical performance, sample type, convenience or reliability.

**Any analyst can finally take advantage of:
High sensitivity for trace analysis from Na to U**

- advanced algorithms for atypical materials
- Flexible Sample Handling System
- Mechanical simplicity and reliability for a lifetime of service
- Rapid, easy installation and complete on-site customization

And MEE provides more than instrumentation: you get a complete laboratory package that includes proven hardware, all-inclusive software, on-site method development and technical support all backed by a responsive service organization armed with years of expertise with hundreds of successful applications in X-ray fluorescence.

**30-second spectrum of
precious metal ore**



Classy'X

The peak of EDXRF performance



Analyze

Without any difficulties

Special design with a wide range of performance and satisfactory options which allow Classy'X to Analyze the most demanding or unusual samples.

Automatic Door

Automatic door is designed to Open or Close door without any manual force. Manual Open/Closing is possible too.

Sample handling

Automated 8-position sample trays are designed for industry standard powder and liquid cups, while the versatile single-sample stage is ideal for the occasional sample that defies description. Specialized stages are also available for the hard disk and semiconductor industries.

Sample spinner

Rotating the sample during analysis may help obtain a more representative result for materials that are not perfectly homogeneous or uniform.

Beam Mask

The Automatic control of X-ray spot size from 15 to 2 mm may facilitate 4 position masks change analysis of small samples by on Atomize

Bear Filter

Automatic 7 position filter changer makes better excitation of different matrix.

CLASSY'X

Energy-Dispersive XRF
Spectrometer



Vacuum Chamber

All options are fitted in one vacuum chamber for better response for light elements.

Although air environment is available too.



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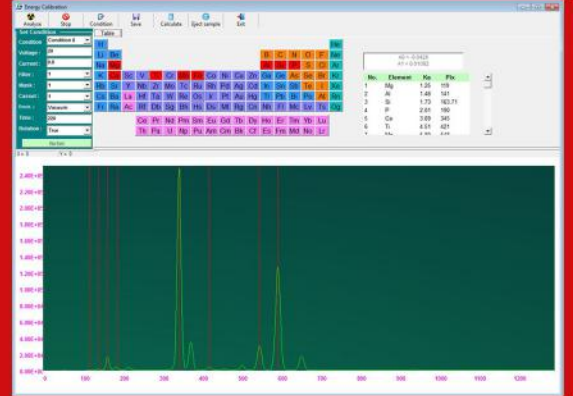
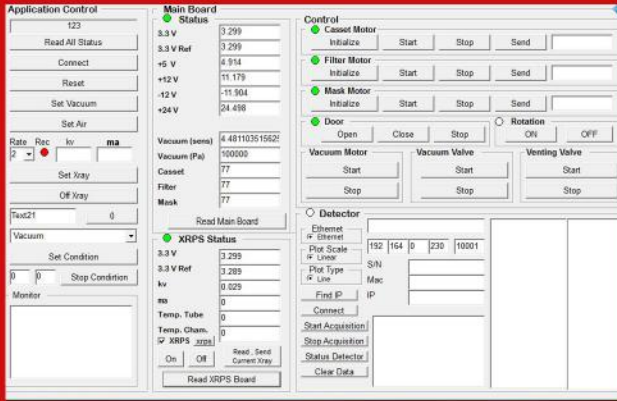
Unlimited Performance and Ease of Use Combined

Modiware software for Classy'X makes situation ready for easy and comfortable use of EDXRF.

For application from ROHS to complex geological material can be calibrated and analyzed by help of great facilities in software.

Flexible and Powerful

Energy adjustment is done for any type of matrix and all element from Na to U can be added as analyzed. Many types of correction for calibration curves is available.



Secure

Password-protection in all critical areas of the software assures the security of important data and methods. Operators are only allowed to specify sample names and positions.

Status

All status and alarms are monitored for full evaluation of hardware function.



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The CLASSY'X is designed to analyze any material straight out of the box. However, many applications are best performed with optional components for maximum accuracy and productivity. In addition, any configuration can be further customized to match your exact needs.

X-ray Generator

Tube Target: Rh
X-ray Power: 50W max., 50kV, 2mA
Cooling: Air Cooled

X-ray Detector

Detector Type: SDD (Amptek)
Energy Resolution: <122 ev
Sensitivity: Na (11) to U (92)
Detector Area: 25 mm²

Sample Chamber

Environment Chamber: Vacuum/Air
...,Filter Changer Position: 7 Positions (Al, Cu, Pd)
Mask Changer Position: 4 Positions
Sample Changer: 8 Positions/1 Position

General Information

Line Voltage: 230VAC, 50Hz
Line Current: 10A

Safety

Door Open/ Close Automatic System
Interlock: Vacuum & Door & Fail-Safe Circuit
Interlocks

Weight & Dimensions

Dimension: 75x75x120 cm
.Weight: 250 kg approx



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X-ray Elemental Analysis Capabilities from MEE

X-ray spectrometry is a common and very powerful technique for fast, non-destructive, quantitative analysis of major, minor and trace components in all types of materials, including solids, powders, aqueous or organic solutions, and layered structures. It has numerous applications in every industry: pharmaceuticals, environmental monitoring, metals, cement, electronics, and mining, just to name a few.



Other Products:



Barbaros Hayrettin Paşa Mahallesi,
Nazım Hikmet Bulvarı, Newista Residence,
No:84 Esenyurt,B blok, kat
6, daire 53 / İST

+90 212 886430

www.trmeeco.com +90 212 886433

Info@trmeeco.com +90 053 0956 1382



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