

Elemental Analyzers



NEX QC MFA  
marine fuel  
analyzer

(nex-  
qc\_mfa.php)



NEX QC series  
affordable  
EDXRF  
analyzers

(nex-qc.php)



NEX QC+  
QuantEZ  
EDXRF  
spectrometer

(nex-  
qcusez.php)



NEX DE  
Advanced  
EDXRF  
spectrometer

(nex-de.php)



NEX DE VS  
Small spot  
advanced  
EDXRF  
spectrometer

(nex-  
devs.php)



NEX CG  
Cartesian  
secondary  
target EDXRF  
spectrometer

(nex-cg.php)



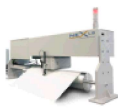
NEX OL  
Process  
EDXRF  
analyzer

(nex-ol.php)



NEX XT  
X-ray  
transmission  
process sulfur  
gauge

(nex-xt.php)



NEX LS Multi-  
element  
process  
coatings  
analyzer

(nex-ls.php)

About Rigaku (about.php)

Since 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on life sciences and general purpose analytical instrumentation. With hundreds of major innovations to its credit, Rigaku and its subsidiary companies are world leaders in the fields of small molecule and protein crystallography, X-ray spectrometry and diffraction, X-ray optics, as well as semiconductor metrology. Rigaku employs over 1,400 people globally.

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NEX DE Energy Dispersive X-ray Fluorescence Spectrometer

(request.php?id=02)

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Windows®-based EDXRF for rapid elemental analysis

As a premium high performance benchtop Energy Dispersive X-ray Fluorescence (EDXRF) elemental analyzer, the new Rigaku NEX DE delivers wide elemental coverage with a easy-to-learn Windows®-based QuantEZ software. Non-destructively analyze from sodium (Na) through uranium (U) in almost any matrix, from solids and alloys to powders, liquids and slurries.



**XRF elemental analysis in the field, plant or lab** Especially designed and engineered for heavy industrial use, whether on the plant floor or in remote field environments, the superior analytical power, flexibility and ease-of-use of the NEX DE adds to its broad appeal for an ever expanding range of applications, including exploration, research, bulk RoHS inspection, and education, as well as industrial and production monitoring applications. Whether the need is basic quality control (QC) or its more sophisticated variants — such as analytical quality control (AQC), quality assurance (QA) or statistical process control like Six Sigma - the NEX DE is the reliable high performance choice for routine elemental analysis by XRF.



Features:

- Analyze <sup>11</sup>Na to <sup>92</sup>U non-destructively
- Powerful QuantEZ Windows-based software
- Solids, liquids, alloys, powders and films
- 60 kV X-ray tube for wide elemental coverage
- FAST SDD® detector for superior data
- Six automated tube filters
- Unmatched performance-to-price ratio
- Optional RPF-SQX fundamental parameters

**XRF with 60 kV X-ray tube and SDD detector** The 60 kV X-ray tube and Peltier cooled FAST SDD® Silicon Drift Detector deliver exceptional short-term repeatability and long-term reproducibility with excellent element peak resolution. This high voltage capability (60 kV), along with high emission current and multiple automated X-ray tube filters, provides a wide range of XRF applications versatility and low limits-of-detection (LOD).

**XRF options: autosampler, vacuum, helium and standardless FP** Options include fundamental parameters, a variety of automatic sample changers, sample spinner and helium purge or vacuum atmosphere for enhanced light element sensitivity.

Specifications

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qc+usez.php)



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Ask for more information about our Rigaku EDXRF elemental analysis products:

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