

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)



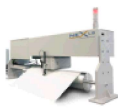
NEX OL  
Process  
EDXRF  
analyzer

(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 XT Total Sulfur Process Analyzer

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Advanced X-ray Transmission / Absorption (XRT/XRA) Total Sulfur Gauge for Crude Oil, Marine Bunker Fuel and Blending Operations



Rigaku's NEX XT is the next generation process gauge for high-level total sulfur measurement (0.02% to 6% S) of crude, bunker fuel, fuel oils, and other highly viscous hydrocarbons, including residuums.

On-Line total sulfur gauge

This versatile, compact and robust X-ray Transmission / Absorption (XRT / XRA) process gauge is specifically optimized for the total sulfur analysis needs of refineries, pipelines, blending operations, bunkering terminals and other storage facilities. Applications for the NEX XT include bunker fuel blending to meet MARPOL Annex VI sulfur restrictions, interface detection of different grade fuels delivered via pipelines, refinery feedstock blending and monitoring, and the quality monitoring of crude at remote collection and storage facilities.

Measure sulfur (S) from 200 ppm to 6 wt%

- Compact design with no routine maintenance
- Up to 1480 psig and 200°C
- User adjustable data update frequency
- Reduced standards requirements
- No sample condition or recovery system
- No radioisotopes

XRT/XRA Applications

XRT/XRA Method

Blending Application

No Radioisotopes

Specifications

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

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