

| Rapid | Accurate | Portable |

Sulfur Analysis Specialist



EDX 3200S PLUS

X-ray Fluorescence Spectrometer



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ppm detection of Sulfur without compromise on precision

Sulfur is a hazardous element which causes corrosion and rust on metallic parts in engines and the emission of sulfur dioxides into the air is a major environmental concern. Environmental protection agencies have issued strictly controlled sulfur emission limits for petroleum industry, automobiles and other petroleum applications.

EDX 3200S Plus X-Ray Fluorescence Spectrometer is specifically developed for Sulfur in Petroleum Analysis. Thanks to Helium gas sealed sample chamber and SDD detector EDX3200S Plus is able to analyze up to 24 elements simultaneously in the range of Sulfur (S)- Uranium (U) at high or low concentration levels.

Application fields

Petrochemical analysis

Crude oil analysis

Analysis of solids and liquids

Features

Portable design for on-sight or lab use

W-Target X-ray tube with SDD detector

Sealed Helium charge sample chamber

No sample preparation required

Heavy X-ray shielding

One-key operation



Technical Specifications

Model: EDX3200S Sulfur/oil analyzer
 Analysis range: 3ppm-99.99%
 Limits of detection: 10ppm
 (3ppm with Helium gas)
 Test time: 50-100s
 Forms of object: liquid, solids, powder

Ambient humidity: 35% - 70%
 Working voltage: AC 110V/220V
 Sample cup volume: 424mmx22mm
 Working temperature: 10-35°C
 Size: 370mmx360mmx418mm
 Weight: 32kg

Basic Configuration

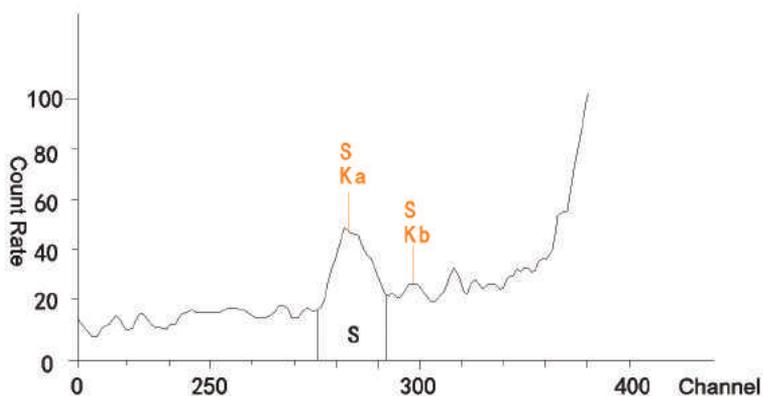
Helium gas sealed sample chamber
 High-low voltage power supply
 Intelligent sulfur test software

Si-Pin detector
 Open sample platform
 Computer

Signal detection circuit
 X-ray tube
 Accessories

Measurent example

Example of quick print report for Gasoline Sample with Sulfur content 70ppm



Test time: 200 seconds

Test Times	S content (ppm)
1	71.8
2	69.5
3	66.7
4	70.3
5	68.4
6	69.3
7	70.8
Mean Value	69.54286
Standard Deviation	1.66819
RSD	2.398794

Skyray Instruments



Skyray Instruments USA, Inc
1717 N. Akard Street, Ste 2520
Dallas, Texas, 75201 USA

+1 972 638 9035
www.skyrayinstruments.com
sales@skyrayinstruments.com

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