

شرکت ابزار طب
وارد کننده تجهیزات
آزمایشگاهی - تحقیقاتی - علمی
تاسیس ۱۳۶۳



Skyray Instruments

تهران، خیابان مطهری، خیابان فجر، پلاک 38



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| Rapid | Accurate | Portable |



Sulfur Analysis Specialist

EDX 3200S PLUS
X-ray Fluorescence Spectrometer



EDX 3200S PLUS

X-ray Fluorescence Spectrometer



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



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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

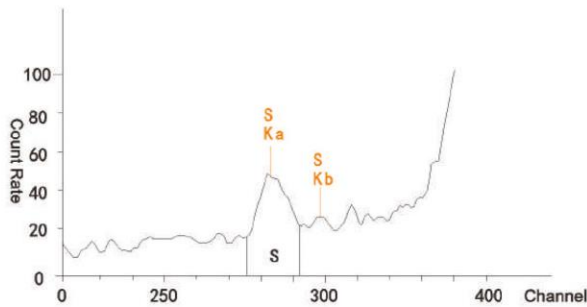
Helium gas sealed sample chamber
 High-low voltage power supply
 Intelligent sulfur test software

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 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

Test time: 200 seconds



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• Spectroscopy • Chromatography • Mass Spectrometry

Skyray Instruments specializes in the R&D, manufacturing and sales of analytical and measuring instruments in Spectroscopy, Chromatography and Mass Spectroscopy fields. Our Products include X-ray Fluorescence Spectrometry, Atomic Absorption Spectrometry, Gas Chromatography, Inductively Coupled Plasma Spectrometry, Mass Spectrometry and many others

Skyray has been providing customers around the world with reliable and affordable Scientific Instruments for more than 20 years

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