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X-RAY SULFUR METER TESTER AZA1300B

The X-Ray Sulfur Meter Tester AZA1300B from AZA Lab is a high-performance analytical instrument designed for rapid and accurate determination of sulfur content in petroleum and petrochemical products.

Utilizing advanced X-ray fluorescence (XRF) analysis technology, the instrument delivers fast, non-destructive testing with exceptional repeatability and stability.

Engineered for refineries, quality control laboratories, research facilities, petrochemical plants, and field testing applications, the AZA1300B enables operators to perform sulfur analysis efficiently with minimal sample preparation and low sample consumption.

Its integrated intelligent correction system automatically compensates for environmental and compositional variations such as temperature, air pressure, and carbon/hydrogen ratio, ensuring highly reliable results under different operating conditions.

COMPLIANCE & STANDARDS

The AZA1300B is designed in accordance with relevant ASTM and international sulfur analysis standards for petroleum and petrochemical testing applications.



APPLICATIONS

The AZA1300B X-Ray Sulfur Meter is suitable for:

- Petroleum product testing
- Crude oil analysis
- Diesel and gasoline sulfur determination
- Lubricating oil quality control
- Petrochemical laboratories
- Refinery process monitoring
- Environmental compliance testing
- Fuel inspection and certification



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MODEL	AZA1300B
MEASUREMENT RANGE	0.005% – 5%
DETECTION LIMIT	50 ppm
SAMPLE VOLUME	3 ml – 5 ml
MEASUREMENT DURATION	30, 60, 90, 120, 150 seconds
REPEAT MEASUREMENT OPTIONS	1, 2, 3, 5, or 10 times
CALIBRATION CURVES STORAGE	Up to 10 curves
TEMPERATURE CONTROL	Automatic measurement with average value and standard deviation calculation
OPERATING TEMPERATURE RANGE	10°C – 30°C
WORKING PRESSURE OF REDUCING VALVE	≤85% (at 30°C)



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TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
AIR FLOW RATE (JET OUTLET)	13 kg
DISPLAY INTERFACE	8-inch Color Touch Screen
DIMENSIONS (L × W × H)	480 × 380 × 140 mm
NET WEIGHT	13 kg

