

AHSA - 3027

Automatic Hydrogen Sulfide Analyzer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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▶▶ Introduction

The instrument is designed and manufactured in full accordance with the requirements of relevant ASTM and IP test standards. A small amount of sample is diluted with diluent, heated to 60°C in a metal bath under precise temperature control, and the H₂S in the sample is released. Clean air As a carrier gas, H₂S is carried to the measuring cell of the electrochemical sensor, and the instant concentration of H₂S is measured. The air flow is measured and controlled by a digital mass flowmeter. When the H₂S in the sample is completely released, the instrument will automatically calculate the cumulative concentration of H₂S.

▶▶ Functional Features

1. Computer control, automatic measurement, automatic calculation results.
2. The air flow is measured and controlled by digital mass flowmeter.
3. The instrument is designed and manufactured completely in accordance with ASTM and IP test ing standards.
4. The gas phase processor of semiconductor refrigeration has fast cooling speed.
5. It adopts the Cadon Fisher glass reaction test tube with easy operation.
6. Luer type sintering filter, filled with special adsorbent.
7. It adopts the Cadon H₂S200 detection system for direct reading.
8. Quick Screwing gland self-sealing.

▶▶ Application

1. Petroleum products manufacturing enterprises
2. Related inspection department

▶▶ Reference Standards

1. ASTM D7621 Standard Test Method for Determination of Hydrogen Sulfide in Fuel Oils byRapid Liquid Phase Extraction.
2. ISO 8217 Petroleum products - Fuels (class F) - Specifications of marine fuels.
3. IP 570 Determination of hydrogen sulfide in fuel oils - Rapid liquid phase extraction method

►► Technical Parameters

Model	AHSA 3027
Applicable standards	ASTM D7621; ISO 8217; IP 570
Measuring range	0-250mg/kg H ₂ S
Operating temperature	15~30°C, RH80%
Viscosity range	Up to 3,000mm ² /s
Inspecting mode	Electrochemistry sensor
Test time	15 minutes
Sampling volume	1ml, 2ml, 5ml (According to the concentration of H ₂ S)
Diluted doses	20mL
Working power supply	AC220V±10V 50Hz
Engine power	300W
Instrument dimensions	420*500*340mm
Net weight	20KG

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Analytical Foundation

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