

H₂S In Fuel Oil Tester

H₂S rapid liquid phase extraction

YK-3011 H₂S in fuel oil tester can rapidly test the concentration of H₂S in fuel oil. YG type instrument includes A&B test methods.

Product introduction

The instrument is designed and manufactured completely according to requirements of the test standard of ASTM IP. Trace sample diluted with diluent is heated to 60°C by metal bath under precise temperature control, H₂S in sample is released, then with clean air as the carrier gas, H₂S is carried to measuring cell with electro-chemical sensor, instant concentration of H₂S is measured. The air flow is measured and controlled by the digital quality flow meter. When the H₂S in the sample is fully released, the instrument will automatically calculate the cumulative concentration of H₂S.

Standard: ASTM D7621 ISO 8217 IP 570

Technical parameters

Measuring range: 0-250mg/kg H₂S

Working temperature: 15-30°C, RH80%

Viscosity range: up to 3000mm²/s

Detection method: electro-chemical sensor

Testing time: 15min

Sample Volume: 1ml, 2ml, 5ml

(determined by H₂S concentration)

Diluent Volume: 20mL

Voltage: AC220V±10V 50Hz

Power: 300W

Communication interface: USB

Size: 580×350×280mm (L×W×H)

