

SYD-0536 Coulometric Salt Content Analyzer

Summary

This instrument uses the micro-coulometry technology for analysis, it's the latest products by the computer control. It applies to determine salt content in crude petroleum and products, heavy oil, residual oil, and various industrial water or drainage water, and applies to determine Inorganic chloride in above samples. An instrument has a stable and reliable performance, easy operation, high precision, repeatability and good features. **Standards:**SY/T0536-2008 Crude petroleum and products—Determination of salt content Coulometry, ASTM D3230-89 Crude petroleum, and products—Determination of salt content Coulometry.

I. Main technical features

1. Micro-coulometry technology. PC equipped. Windows OS. Easy to operate.
2. The titration cell and filtering units are both specially designed. It has an automatic determination and good performance.
3. Self-developed operation and test software. It has good accuracy and high precision.
4. Wide application scope. High sensitivity and a good adaptation.
5. It needs less sample. Only 1g for each test. The testing time is short. Only 5 minutes for each sample.



II. Main Technical Specifications

1. Titration method: Coulometric titration
2. End point detection: Automatically judge the end point by the indication—reference electrode
3. Display unit: ngNaCl/ul
4. Sensitivity: 0.1ngNaCl/ul
5. Measuring range: (0.2~10000)ngNaCl/ul
6. Capacity of titration cell: 145ml
7. Testing time: Less than 5mins per sample
(The time use for sample processing is not included.)
8. Ambient temperature: (10~40) °C
9. Relative humidity: ≤85%
10. Power supply: AC 220V±10V, 50Hz±0.5Hz
11. Maximum power consumption: 300W
12. Dimension: 350mm×280mm×178mm (PC and printer are not included)
13. Net weight: 8kg (PC and printer are not included)