

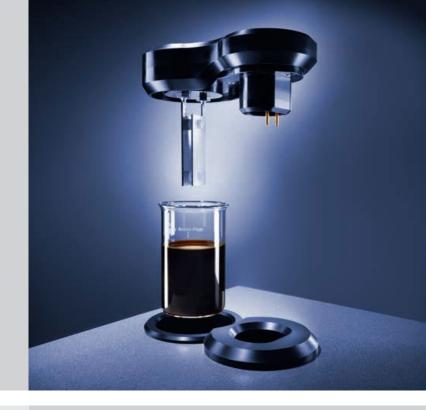
SCO₁

Salinometer

SCO 1 Salinometer

The SCO 1 salinometer uses the conductivity method to measure the chloride (salt) concentration in crude oil. This measurement is based on the conductivity of a solution of crude oil in polar solvent, when subjected to an alternating current.

Knowledge of the chloride concentration - in g/m³ - gives information on the efficiency of the process desalter and provides a solid basis for assessing the need for crude oil desalting. The corrosion rates in refining units depend on the chloride concentration.



Benefits at a Glance

- ▶ High level of safety
- Dual display
- ▶ No unintended touching of electrodes possible

Convenient Operation

Automatic switch-off if a current of approx.
20 mA occurs

Customized User Flexibility

No need to switch between measurement ranges due to the high sensitivity of the dual display instrument.

Standard Methods

ASTM D3230, JIS K 2601, IP 265

Technical Specifications	
Application range	0 mg/kg to 500 mg/kg chloride in crude oil
Test voltage	up to 230 V
Resolution	1 V / 0.01 mA
Test places	1
Safety	Automatic shut-off
Power supply	115 V/230 V, 50 Hz/60 Hz, approx. 100 W
Dimensions	350 mm x 280 mm x 170 mm (W x D x H)
Weight	9 kg

Your distributor: