



SCO 1

Salinometer

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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/m^3 - 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: