

## Salts in Crude Analyzer & Isolated Conductivity, pH and Temperature Measurement



K23060 Salt in Crude Apparatus with K23060-8 Stand

### Test Method

Salt content is determined by measuring the conductivity of a solution of crude oil in a polar solvent when subjected to an alternating electrical current and is obtained by comparison of the resulting conductivity to a calibration curve of known salt mixtures.

### Ordering Information

Catalog No.

**K23060**

Salt in Crude Analyzer, 100-240V

### Electrometric Salt Determinator

- Conforms to ASTM D3230 and IP 265 test specifications
- Measures salt content, conductivity, and temperature of crude oil samples, and pH measurements of aqueous samples
- Measures salt concentration in the range of 0 to 150 PTB (lb/1000 bbl)
- Portable for field or laboratory testing with a LiPo battery
- Data storage up to 12 test results

Determines the salt content, conductivity, and temperature of crude oil samples, according to ASTM D3230 specifications. Utilizes low-voltage, synchronous detection technology for conductivity measurements and a high-accuracy thermistor array to measure sample temperature. Automatically calculates salt concentration directly from acquired temperature and conductivity values. Self-calibration feature allows operator to adjust for any drift without re-entering standard temperature curves. Easy-to-read 2.6" TFT-LCD display shows up to four of the following parameters at one time as chosen by the operator: salts, conductivity, conductivity @25°C, pH, pH millivolts, temperature (°C or °F), battery level, date, time, and indicator.

### Shipping Information

Shipping Weight: 6 lbs (2.75 kg)

Dimensions: 1.5 cu. ft.

### Dimensions

LxWxH (in): 9x4.25x2.5

LxWxH (cm): 23x10.8x6.5

Weight: 2 lbs (1 kg)