

Mindex Ltd

Unit 6, Gatwick Metro Centre,
Balcombe Road, Horley, Surrey,
RH6 9GA, United Kingdom
Tel: ++44 (0) 1293 408 123
Fax: ++44 (0) 1293 408 125
Email: sales@mindex-ltd.co.uk
Website: www.mindex-ltd.co.uk

CHLORA ANALYSER—Chlorine analyser



Details:

The chloride bench-top analyzer is a breakthrough analytical solution for the determination of chlorides in liquid hydrocarbon samples such as aromatics, distillates and heavy fuels, as well as aqueous solutions. Using the same Monochromatic WD XRF analytical technique as the widely accepted line of SINDIE analyzers, Clora provides a limit of detection of 0.15ppm and a dynamic range up to 3000 ppm.

This direct measurement technique does not require gasses or involve high temperature processes which results in unprecedented ease-of-use and minimum maintenance requirements.

Precise determination of chlorides is critical during refining processes. Chlorides may poison expensive catalysts and may lead to corrosion in overhead or reactor effluent systems. Alternative methods, such as microcoulometry and ion

chromatography, for determination of chlorides at levels below 1 ppm involve cumbersome sample preparation and/or combustion processes. This ultimately leads to extended operator involvement, longer measurement times, increased consumables and complexity and increased maintenance. Clora enables the user to quantify chloride concentration below 0.5 ppm levels, without the difficulties of consumable gasses, or elevated temperature processes.

Product applications

- Total chlorine analysis from aqueous solutions and aromatic products to heavy fuels and crude oils up to 3000ppm
- For refineries, petrochemical plants, pipelines, additive companies and test laboratories

LOD

0.13ppm wt

Dynamic range

0.13-3000ppm wt

Other features

- Standard wall power is only utility required
- Plug and go design User friendly
- User friendly With touch screen
- User programmable measurement Time: 30-300s

Price and availability

For prices please email andy@mindex-ltd.co.uk and we shall provide a competitive price.

For more information please contact:

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