

Analyze Total Chlorine with Unparalleled Precision and Ease of Use

Clora® measures total chlorine in hydrocarbons such as aromatics, distillates, heavy fuels, crude oils, and water.

This state-of-the-art technology complies with ASTM D7536 and D4929C and delivers unparalleled accuracy and precision for petroleum and petrochemical applications where simple, quick, and reliable analysis is critical.*

APPLICATIONS

- Total chlorine analysis in petroleum products, biofuels, aromatics and other chemicals, and water
- For refineries, petrochemical and additive plants, pipeline terminals, and test laboratories

FEATURES AND BENEFITS

- **LOD:** 0.13 mg/kg (ppm) at 300s, 0.09 mg/kg (ppm) at 600s for hydrocarbons, 0.3 mg/kg (ppm) at 300s, 0.21 mg/kg (ppm) at 600s for aqueous samples**
- **Dynamic range:** 0.13 mg/kg (ppm) to 4 wt%
- Manual sulfur correction to correct for high sulfur samples
- Easy to use:
 - Intuitive 10-inch touch screen
 - Just plug in and measure
 - **Measurement time:** 10-999 s
- Low and high range calibrations available:
 - **Low range:** 0.13 mg/kg (ppm) – 3000 mg/kg (ppm)
 - **High range:** 0.3 wt% - 4 wt%
- **Low maintenance:** no gasses, heating elements, columns, or quartz tubing
- Traditional XRF sample cups or XOS Accucells – decided at time of order
- Small footprint
- LIMS integration for data management and transfer
- Preset favorites capability to save data entry time and minimize mistakes on common samples
- Bar code reader autofills sample name to reduce data entry time
- Storage capacity for more than 50,000 measurement results
- Supports up to 30 calibration curves
- USB connectivity in front and back for connecting to printer, keyboard, mouse, memory stick
- Supports USB as well as network printers
- Large, easy-to-remove side panels for easy serviceability
- Advanced error reporting and diagnostics



THE R SERIES



ASTM D7536 & D4929C

DASTECH

30 AÑOS AL SERVICIO DE LA INDUSTRIA

*All qualification herein are subject to user guide specifications. If you have further questions, reach out to our team of experts at info@xos.com.

**Longer cycle time increases counts and lower LOD, but sample conditions over time must be considered. For further inquiries, please contact us at info@xos.com.

Analyze Total Chlorine with Unmatched Analytical Performance

Easier to use than ever, Clora® 2XP analyzes total chlorine in liquid hydrocarbons such as aromatics, distillates, heavy fuels, and crude oils, as well as aqueous solutions, while automatically correcting for sulfur interference.

The enhanced precision and performance technology makes it the ideal choice for testing related to catalyst poisoning in reformers or for sites with fluid catalytic crackers and hydrocrackers monitoring very low chlorine levels. This state-of-the-art technology complies with ASTM D7536 and D4929C.*

APPLICATIONS

- Total chlorine analysis from aqueous solutions and aromatic products to heavy fuels and crudes
- For refineries, petrochemical and additive plants, pipeline terminals, and test laboratories

FEATURES AND BENEFITS

- **LOD:** 0.1 mg/kg (ppm) at 300s, 0.07 ppm at 600s in hydrocarbons**
- **Dynamic range:** 0.1 mg/kg (ppm) – 2 wt%
- Automatic sulfur correction saves time and improves accuracy and precision on high sulfur samples
- Easy to use:
 - Intuitive 10-inch touch screen
 - Just plug in and measure
 - **Measurement time:** 10-999 s
- Low and high range available:
 - **Low range:** 0.1 mg/kg (ppm) – 3000 mg/kg (ppm)
 - **High range:** 0.3 wt% – 2 wt%
- **Low maintenance:** no gasses, heating elements, columns, or quartz tubing
- Traditional 43 mm XRF sample cups
- Small footprint
- LIMS integration for data management and transfer
- Custom sample presets to save data entry time and minimize mistakes on common samples
- Bar code reader autofills sample name to reduce data entry time
- Storage capacity for more than 50,000 measurement results
- Supports up to 30 calibration curves
- USB connectivity in front and back for connecting to printer, keyboard, mouse, and memory stick
- Supports USB and network printers
- Large, easy-to-remove side panels for easy serviceability
- Advanced error reporting and diagnostics



THE R SERIES



ASTM D7536 & D4929C

DASTEC S.R.L.

Representantes / Distribuidores Autorizados

Argentina

Tel: (+54 11) 5352 2500

Email: info@dastecsr.com.ar

Web: www.dastecsr.com.ar

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