



better analysis counts



Clora 2XP

Series: 402494-02MXR
USD Price: Contact XOS

Twice the Precision

Clora 2XP complies with ASTM D7536 method, and is ideal for testing related to catalyst poisoning in reformers, or for sites with fluid catalytic crackers and hydrocrackers. It delivers twice the precision and offers exceptional analysis for the determination of chlorine in liquid hydrocarbon samples such as aromatics, distillates and heavy fuels, and aqueous solutions. Clora 2XP is powered by the same MWDXRF technology as our signature instrument - Sindie. This direct measurement technique does not require gasses or high temperature processes equating to easy operation and minimum maintenance requirements.

This model delivers a limit of detection of 0.07 ppm and dynamic range up to 3000 ppm (measures catalysts).

Easy to use

User-friendly with touch screen interface. Just plug-it-in and measure, results with one touch: power is only utility.

Extremely low maintenance

No conversion gasses, columns, heating elements, or quartz tubing

Total chlorine analysis

Aqueous solutions and aromatic products to heavy fuels, crudes, and catalyst.

For use in multiple application areas

Refinery labs, pipeline terminals, additive plants, testing vans and inspection laboratories

Hassle-free sample prep

Utilizes standard XRF sample cups.

Specifications

Calibration curves:	8 calibration curves. Automatic and Manual Calibration functionality.
Catalysts:	No
Communication Capabilities:	Printer, Ethernet: LIMS Connectivity (optional)
Concentration:	In ppm: 5, 10, 50 (crude oil)

Consumable/Utility Gas:	Vacuum
Dimensions: Depth:	19.7 in / 50.0 cm
Dimensions: Height:	13.4 in / 34.0 cm
Dimensions: Width:	14.6 in / 37.0 cm
Element:	Chlorine / 0.07 ppm
Measurement Time:	User selectable 30-900 s, 300-600 s typical
Method Name:	ASTM D7536, ASTM D4929
Options:	LIMS Connectivity
Range:	0.07 ppm - 2 wt%
Repeatability:	ppm - r Xylene 0.2 - 0.10 0.5 - 0.11 1 - 0.14 5 - 0.25 Crude Oil 5 - 0.4 10 - 0.6 50 - 1.2 Water 5 - 0.5 10 - 0.7 50 - 1.5
Reproducibility:	ppm - R Xylene 0.2 - 0.19 0.5 - 0.22 1 - 0.27 5 - 0.50 Crude Oil 5 - 0.7 10 - 1.2 50 - 2.0 Water 5 - 1.0 10 - 1.4 50 - 2.5
Sample Cup Type:	Standard XRF Cup
Sample Matrix:	Hydrocarbon/water
Specific Technology:	MWDXRF
Type:	Benchtop
Weight:	70 lbs / 32 kg
XRF Film Type:	Prolene

What's in the box?

Quick-Start Guide, Operations Manual, radiation survey, power cord, 6' drain tubing, spare fan filter, printer, printer cable, printer ink, 1 roll of paper, spare fuse, 100 sample cups, 100 sample films, sample stand, primary window and 1 calibration set.