

Micro-Z CL

WDXRF Chlorine Analyzer

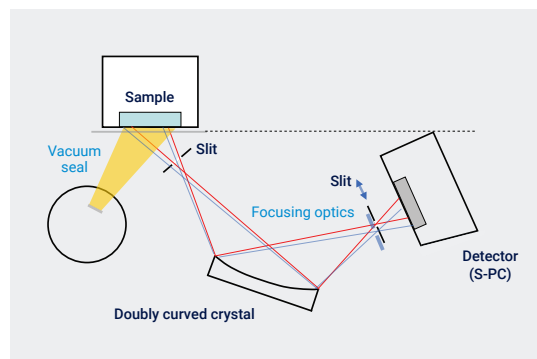
Ultralow chlorine analysis for petroleum and related products



Superior optics for chlorine analysis

Sulfur correction can be performed even for samples with unknown sulfur concentration for more reliable quantification performance. Expensive helium gas is not used since vacuum seal between sample and optical chamber keeps optical chamber in vacuum.

- Equipped with an air-cooled X-ray tube
- High sensitivity using doubly curved analyzing crystal
- Simple sample preparation by pouring sample in a liquid cell. Cover with film for measurement
- Uses inexpensive dedicated liquid cells



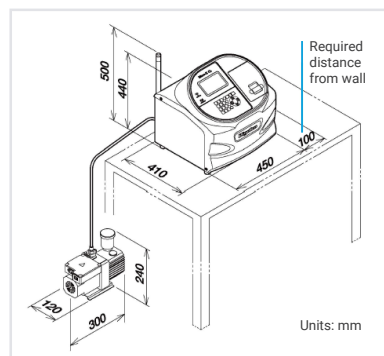
Specifications

X-ray tube		End window type, Pd-anode
Analyzing crystal		Doubly curved crystal RX9
Detector		Sealed proportional counter
Atmosphere	Sample Chamber	Air
	Optical Chamber	Vacuum
Power		Single phase 100-120V 15A 50/60Hz Single phase 200-240V 1 OA 50/60Hz
Ambient temperature		15~30°C
Humidity		Less than 75% RH

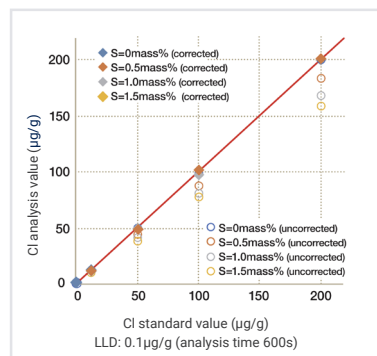
Repeatability result

Run #	Analysis value (µg/g)
1	5.0
2	5.0
3	4.8
4	5.2
5	4.9
6	4.7
7	4.8
8	4.8
9	5.0
10	5.1
Average	4.9
Standard deviation	0.16
Coefficient of variation (%)	3.3

Dimensions



Correlation between analysis values and standard values



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