

SS1000 MWDXRF Sulfur / Chlorine in oil analyzer

Monochromatic Wavelength Dispersive X-ray
Fluorescence Spectrometer
LOD <0.2ppm

Sulfur or Chlorine and other elements in
gasoline, diesel, biofuel, kerosene and other
liquids



Petro-star One click for multi-element analysis at
0.2ppm Unrivalled precision and sensitivity.

MWDXRF X-ray fluorescence spectrometer employing
a double curved crystal focussing monochromatic X-ray
spectrometer

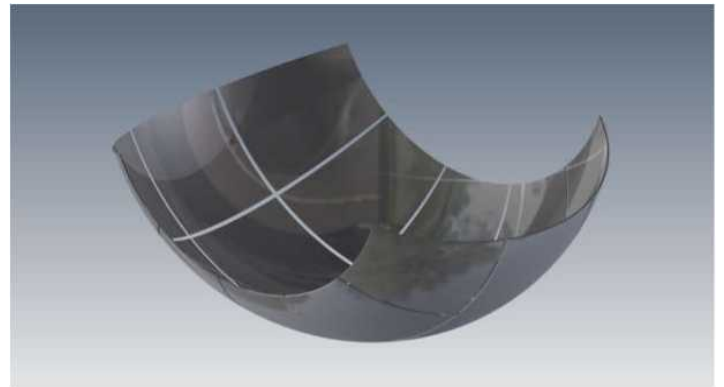
X50 times more sensitive than conventional XRF

Applications

- Total Sulfur analysis for gasoline, diesel, kerosene, biodiesel, and crude oil etc
- For refinery labs, terminal pipelines,
- Aircraft kerosene and lube oil

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- ASTM D7039 ASTM D2622
- Very high reliability
- LOD: 0.2ppm (at measurement time: 200s.)
- Dynamic Range: up to 10%.
- User Interface: Touch Screen.
- User programmable measurement time :50-200s.
- One calibration curve will run both diesel and gasoline.
- Extremely low maintenance:
- Robust polyamide windows for easy cleaning
- Windows 10 OS
- Utility: 100 -240VAC
- **A new standard in X-ray mirror focussing optics**



Mirror X-ray focussing with deeply curved crystal surfaces is the latest technology for XRF applications. The advantage is that only monochromatic radiation is used to excite elements present in the sample and so completely eliminating background radiation. The effect is a significant improvement in S:N and a X50 improvement in sensitivity. In addition collimators and filters are longer required allowing much smaller X-ray power to be used. The SS1000 Petrotest is the finest instrument available in this unique class of instruments offering unparalleled reliability and stability