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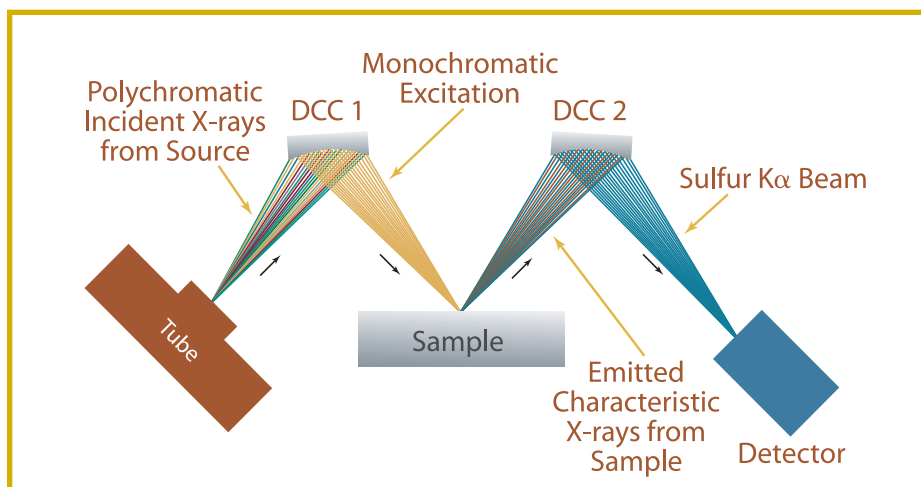
Sindie[®] BIO
Sulfur Analyzer

Plug-It-In and Measure
Results with One Touch
Unrivalled Precision

SINDIE BIO provides the ultimate plug-it-in and measure bench-top solution for biodiesel fuels. This Monochromatic WD XRF analyzer quantifies the sulfur concentration from 0.4 ppm up to 3000 ppm. MWD XRF, per ASTM D 7039, is a direct measurement technique which does not require sample conversion, consumable gases or high temperature operating conditions. ASTM D 7039 is an approved standard test method to measure sulfur concentration per ASTM D 6751 -07b (standard specification for Biodiesel Fuel Blend Stock (B100) for middle distillate fuels).



Analysis on demand, where and when you need it. Contact us to schedule a SINDIE BIO demonstration at your site or for more details visit us at www.xos.com.



- **Monochromatic excitation = extremely low background**
- **Broad dynamic range from 0.4 ppm wt. up to 10 wt %**
- **No consumable gasses or sample conversion required**

APPLICATION AREAS:

- Total sulfur analysis in biodiesel and biodiesel blends

FEATURES AND BENEFITS:

- LOD: 0.4 ppm wt.
Dynamic range: 0.4 – 3000 ppm wt.
- Repeatability:

S Concentration	Std. Dev.
1 ppm	0.1 ppm
10 ppm	0.4 ppm
100 ppm	1.0 ppm
500 ppm	1.7 ppm
- Fits on any bench, in any lab:
14.5" w x 19.5" d x 13.5" h
- Plug-and-go design: standard wall power is only utility required
- User-friendly with touch screen interface
- Flip-lid design for easy sample cup introduction
- Measurement time: 30s-300s. programmable
- Factory calibration with biodiesel matrix
- Extremely low maintenance:
No conversion gasses
No columns
No heating elements
No quartz tubing
- Field replaceable air-cooled excitation tube
- No sample conversion or combustible gases required
- Polyamide x-ray window, no exposed Be windows

