



Choice Analytical, Inc.

Support You Can Trust

Portable Sulfur Analyzer for Crude Oils and Petroleum Fuels

The XOS Sindice On The Go
“OTG”

Ranzy Morgan
Choice Analytical, Inc.



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- Founded October 1, 2009 by Ranzy Morgan
- Focused on laboratory and On line Instrumentation
- Exclusive sales and product support in the Southern United States for the following companies

**XOS, Stanhope Seta, Wilks IR and
Rheotek**

The XOS Sindre On The GO “OTG”

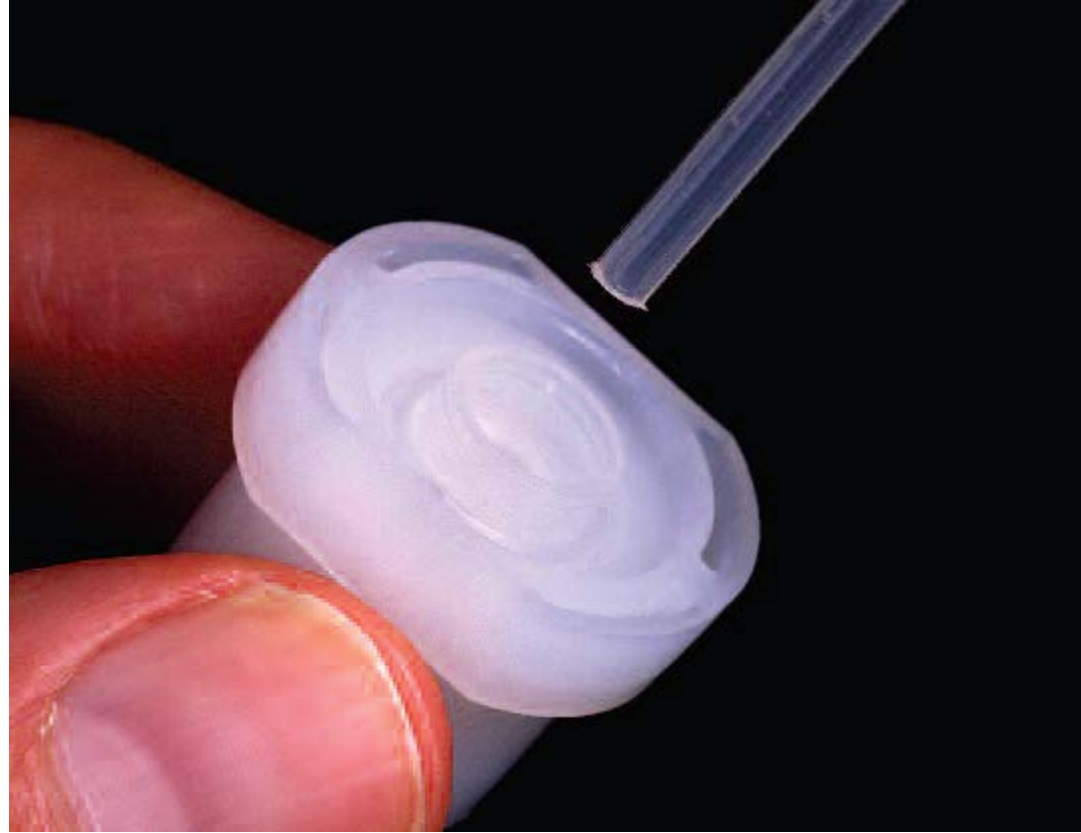


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- Dynamic Range 2 ppm wt. to 10 wt.%
- high signal-to-background ratio
- Simplified configuration - No moving parts in measurement system
- No special gases needed
- Low Power Air-Cooled Tube
- Enables On-Line and Bench-Top Systems
- No combustion required
- Sulfur reading in ppm & % wt. No density effects
- Insensitive to changes in Matrix. Gasoline, Diesel, Crude – same cal curve

The Accu-Cell



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Awards relating to XOS Sindie Technology

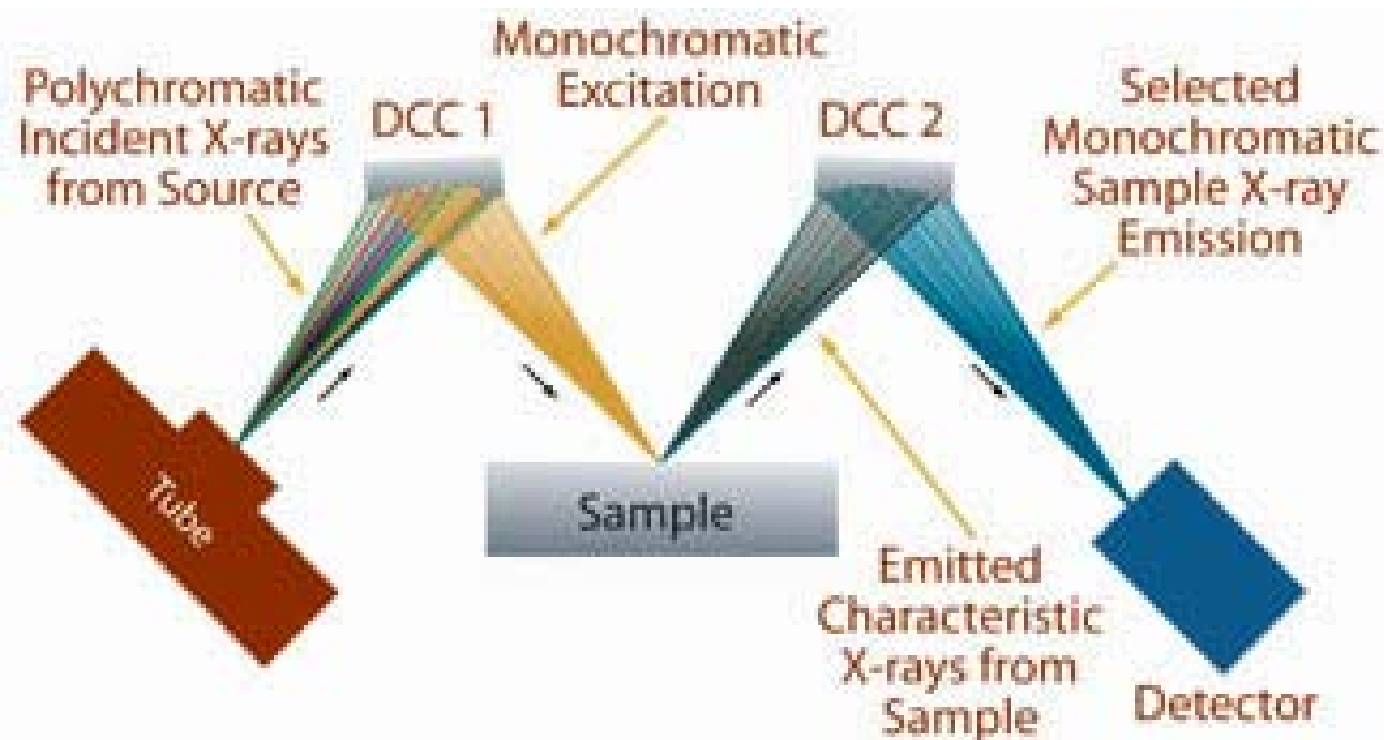
- 2005 R&D 100
- Invention of the Year of Eastern New York
- 2006 Beckman Founder Award of Instrumentation, Systems, and Automation Society
- 2009 IBO Industrial Design Award for portable instruments.



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Monochromatic WD XRF – ASTM D 7039



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Low Range

Sample/Test Time	5 mg/kg (900s)		500 mg/kg (600s)	
	Repeat 1	Repeat 2	Repeat 1	Repeat 2
1	5.1	4.6	489.5	495.4
2	5.1	5	493.6	496.2
3	5.5	5.9	500.9	497.4
4	5.7	5.6	499.5	491.7
5	5.7	5.2	492.5	492.9
6	4.9	5.8	494	497.5
7	5.8	5.4	497.5	494.3
8	5.1	5.9	487.6	495.1

High Range

Sample	D 2622	Std Dev	OTG	Conc., Mass%
	ARV, mass %		Counts	
CO0507	0.33	0.01	46099	0.329
CO0407	1.02	0.08	147322	1.084
CO0603	0.93	0.03	129743	0.9498
			129552	0.9484
			127169	0.9303
			127739	0.9346
			128410	0.9397
			130775	0.9577

Any Questions ?

Thank you for the past and future support !

Ranzy Morgan

832-409-8150

rmorgan@choiceanalytical.com



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