SABIA®

What you need to know

X1-LiNX

ON-BELT ANALYZER FOR COAL



Achieve Improved Operational Efficiency & Reduced Variation

The SABIA X1-LiNX* helps your operation hit targets and cut costs

X1-LiNX Coal Applications

- Prep Plants & Washeries
- Coal Fired Power Plants
- Underground Mines
- Strip Mines
- Loadouts

Global support with unparalleled world class service

SABIA provides system monitoring, maintenance, calibration, training, & upgrades via On-Site Engineers & remote SABIA Network Operations Center

Why is SABIA the industry's best?

- SABIA founders pioneered the 1st PGNA Mining Applications in the 1980's
- SABIA continues to introduce sweeping changes to PGNA technology by making applications more affordable, practical, smaller, lighter, & versatile
- SABIA has over 25 years of PGNAA commercialization experience
- Ruggedized integrated electronics requiring an ethernet and power cable

What constitutes world class service?

- Compliance with all International Safety Standards
- The most knowledgeable team industry wide
- Minimal lead time from order to installation
- International customer support network
- NOC Remote monitoring center
- Comprehensive service plans
- Custom built for each individual belt

Better Performance. Better Value.
Better Customer Experience.

SABIA®
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ISO 9001:2008 Certified Company

*Patent Pending

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X1-LiNX

ON-BELT ANALYZER FOR COAL

X1-LiNX Product Specifications

Elements Detected	Total ash, Si, Fe, Al, Ca, K, Ti, S, Na and Cl
Calculated Parameters	BTU/lb, kcal/kg
Sensors	Scintillation Crystal with Photomultiplier Tube, 2 per analyzer typical
Nuclear Source	40µg Cf 252 typical, 2.6 years half-life
Power Requirements	120/240 VAC, Single Phase, 8/4 Amps, 50/60 Hz at Analyzer
Operating Temp	-30° to +52° C (larger ranges available if required)
Belt Widths	600 to 1,800 mm standard (custom available)
Input/Output	Digital/analog signal compatible with nearly all factory automation systems
Total Weight	1,750 kg typical (dependent on belt size)

Ruggedized Integrated Electronics

Modular Design

Improved S/N Ratio

Expanded Software Suite

Power & Ethernet Cable Only

Small, Light & Compact Frame

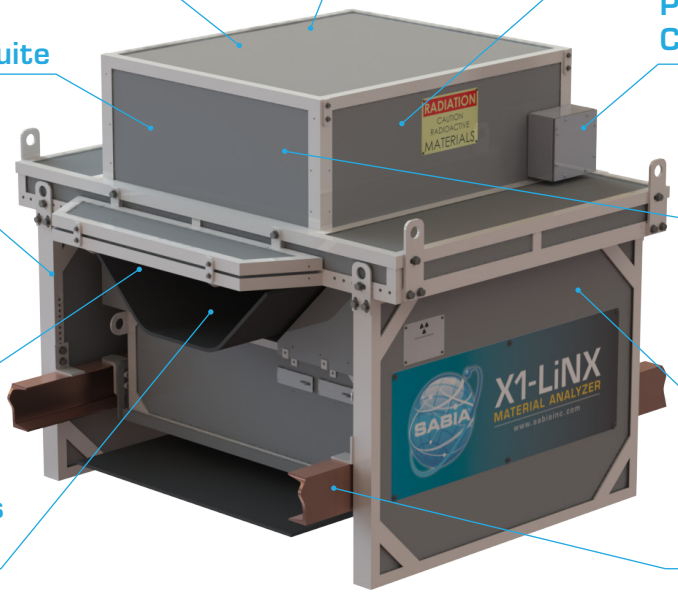
Sends analysis directly to PLC/OPC

No Wear Plates or Moving Parts

Fully Network-Enabled Via Web Interface

100% Full Analysis of Material

Mounts Directly on Stringers



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