



What you  
need to know

# X1-LiNX

ON-BELT ANALYZER  
FOR CEMENT

## Achieve Improved Operational Efficiency & Reduced Variation

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

### X1-LiNX Cement Applications

- **Quarry Management:** static sample analysis
- **Stockpile Sorting/Building:** improve homogeneity
- **Kiln Control:** reduce energy consumption & increase refractory life
- **Fuel Management:** identify bad actors (S, K, Cl) & optimize fuel reserves
- **Raw Mix Control/Blending:** reduce C3S or LSF variations by up to 50%

### 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 PGNA 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**<sup>®</sup>  
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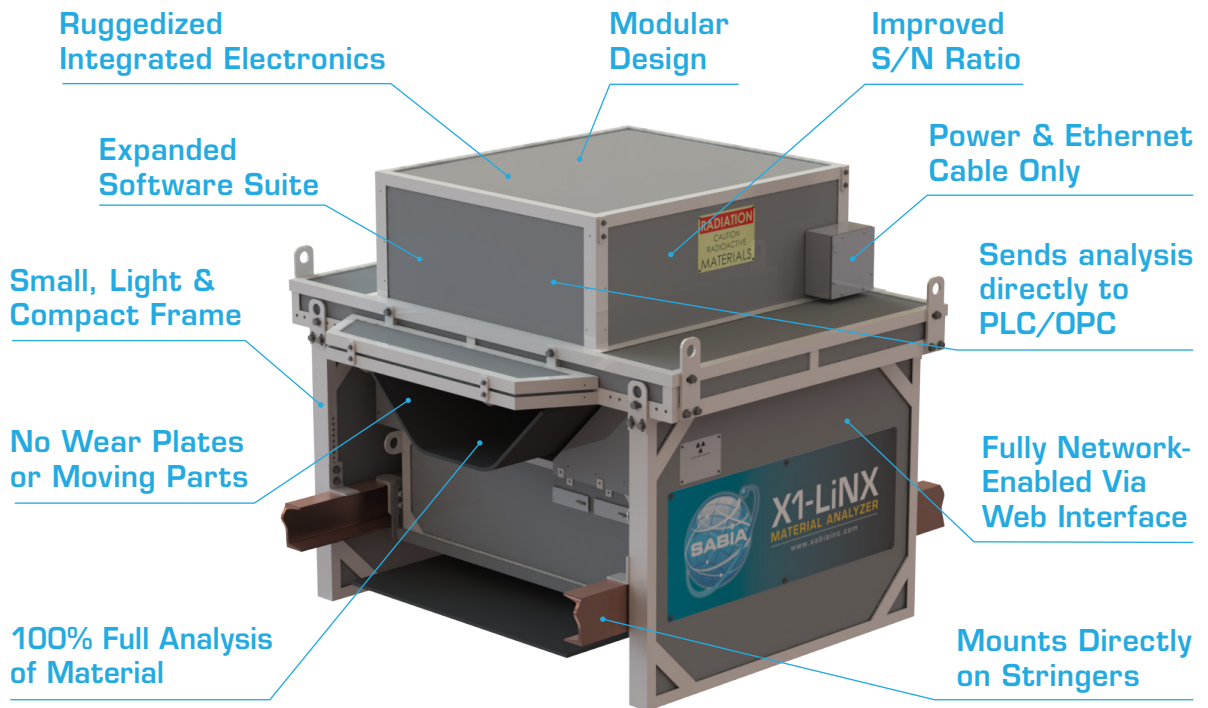
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ISO 9001:2008 Certified Company

\*Patent Pending

### X1-LiNX Product Specifications

Elements Detected	Si, Fe, Al, Ca, Mg, Na, K, S, Mn, P, Cu, Ti, Sn, Zn, Cl
Calculated Parameters	Lime saturation factor, silica ratio, alumina ratio, C3S, C2S, C3A, C2F, C4AF, liquid ratio., etc
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)



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