SABIA®

What you need to know

X1-XP

ON-PIPE ANALYZER FOR SLURRY



Reduce Variation to Achieve Improved Operational Efficiency

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

X1-XP Slurry Applications

By analyzing the entire slurry stream you gain a complete understanding of the beneficiation or processing of:

- Phosphates
- Nickel
- Copper
- Other Minerals
- Cement
- Iron

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 were on the team that first commercialized PGNAA 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 only 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
- Dedication to the resolution of customer issues
- Rapid customer service response times

Better Performance. Better Value.
Better Customer Experience.

SABIA®
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ISO 9001:2008 Certified Company

*Patent Pending

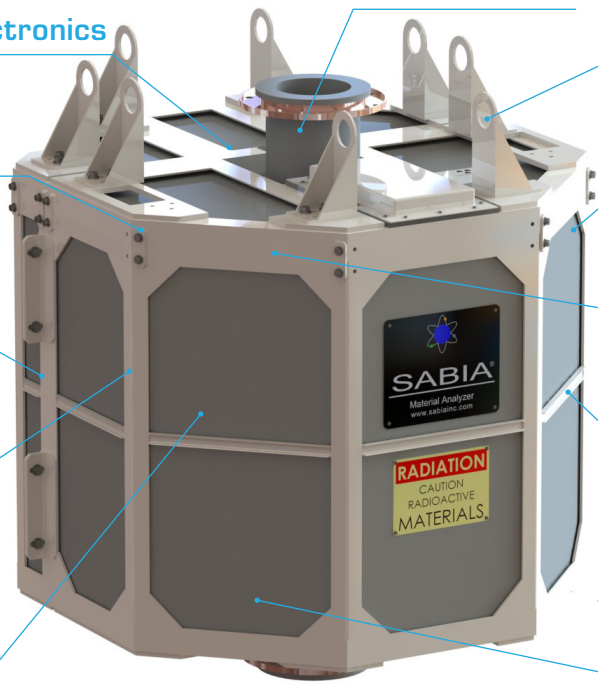
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X1-XP Product Specifications

Elements Detected	P2O5, Si, Mg, S, Ca, Fe, Ti, Na, Cl Ni, Cu, Co, Al, Cr, Cd and others as required
Slurry Types Analyzed	Phosphates, Nickel, Copper, Iron, Cement, Other Materials
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 +51° C (larger ranges available if required)
Fits Pipe Sizes	200 to 300 mm standard (custom sizes available)
Input/Output	Digital/analog signal compatible with nearly all factory automation systems
Total Weight	1,200 kg typical (dependent on pipe size)



Mounts Directly Around Pipe

Ruggedized Integrated Electronics

Lifting Lugs

Customizable Software Suite

Power & Ethernet Cable Only

Clam Shell Design for Easy Install

Sends analysis directly to PLC/OPC

No Moving Parts

Fully Network-Enabled Via Web Interface

100% Full Analysis of Material

Vertical or Horizontal Orientation

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