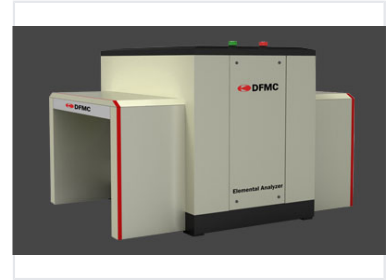


Cross-Belt Coal Quality Elemental Analyzer

This cross-belt coal quality elemental analyzer uses online prompt gamma neutron activation analysis (PGNAA) technology. It provides online analysis of key indicators such as sulfur, ash, moisture, and calorific value in coal.



Product Overview

Advanced Coal Quality Analysis

The Cross-Belt Coal Quality Elemental Analyzer provides real-time, high-precision analysis of coal composition directly on the conveyor belt. By eliminating the need for manual sampling, it removes human error and ensures consistent quality control across your operations. This system delivers comprehensive multi-element and multi-index results in just one minute, enabling rapid process optimization.

Performance Metrics

Analysis Speed

1 min

Result Time

Calculated Indices

- Calorific Value
- Ash Content
- Sulfur Content
- Moisture Content
- Ash Composition (SiO₂, Al₂O₃, Fe₂O₃, CaO)

Elements Analyzed

Sulfur (S), Silicon (Si), Aluminum (Al), Iron (Fe), Calcium (Ca), Potassium (K), Sodium (Na), Titanium (Ti), Chlorine (Cl)

Operational Advantages

Key Benefits

Real-time Monitoring • No Manual Sampling • High Accuracy • Process Optimization