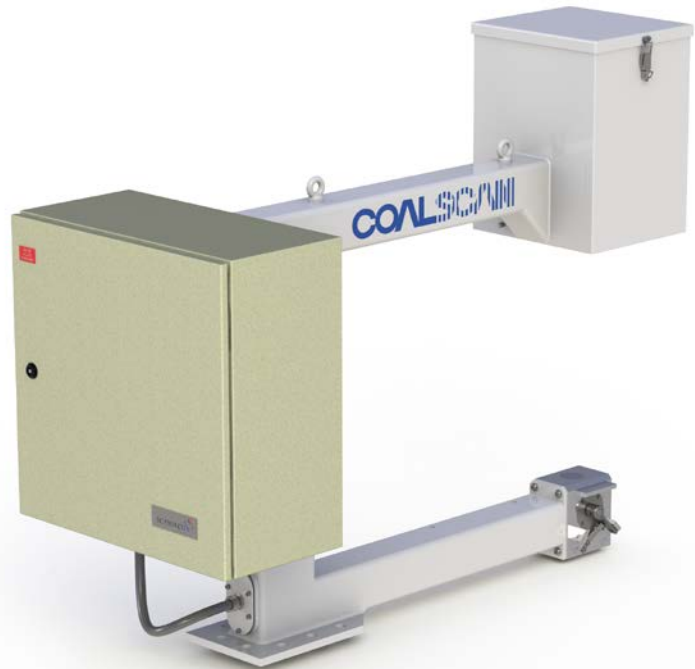


ON-BELT ASH ANALYSER



COALSCAN 2100 Applications

Real-time coal-quality data provides active process control, with timely information on ash, to make decisions that maximise the value of the resource, optimise product quality and minimise operating costs. Typical applications include:

- Analysis of raw coal after crushing;
- Analysis of product coal between washery and stockpile or load-out bins;
- Analysis and blending control of coal during reclaim from stockpile, to ensure quality targets are met;
- Blending coals to take advantage of lower-cost, lower-quality coal whilst meeting specifications;
- Bypass applications where low ash coal bypasses the wash plant.

COALSCAN 2100 Advantages

- Low investment and maintenance costs;
- Simple installation;
- No contact with the material or the conveyor belt;
- Simple calibration;
- No sampling necessary during normal operation;
- Standard plant interfaces, including RS422 and Ethernet;
- IP65 (NEMA4) protection to suit typical plant conditions;
- Optional SUPERSCAN display software;
- Local technical support;
- Support via remote connection.

COALSCAN 2100 Description

The COALSCAN 2100 is a single enclosure designed to be installed directly on production conveyor belts. The COALSCAN uses a dual gamma ray beam which passes through the entire bed of coal. The ratio of the two count rates from gamma ray beams is proportional to the ash content, independent of bed depth. This technology provides the most rapid measure of variations in coal quality. The standard COALSCAN can be customised to suit plant requirements. Options include:

- TBM Moisture Kit;
- Stainless steel electronics cabinet;
- SUPERSCAN display and reporting system;
- Customised plant interfaces;
- Customised frames for wider belts and higher tonnage applications.



COALSCAN 2100
with optional
TBM Moisture Kit

SCANTECH
Process control specialists

Scantech's Analysers

Scantech provides the energy, mining, coal and cement sectors with analysers for a wide range of situations and environments. We can deliver the online solution that suits your process and reduces your operating costs. Whether you want to monitor moisture, ash, sulphur, mineral or energy content we have the right application for your needs and budget.

Real time analysis during the various phases of resources production provides operators with significant opportunities for plant optimisation and quality control. Over the past three decades online analysers have become a standard process control tool in the resources sector. Recent scientific and computing innovations now offer considerable performance and operational improvements in current generation analysers. Scantech is a leading provider of this technology and with our experienced R&D staff we make sure our customers will benefit from improvements and new developments.

Scantech Products have
Patented Technology &
Registered Trademarks

Scantech Products

- COALSCAN 1500 On-belt Natural Gamma Ash Analyser
- COALSCAN 2100 On-belt Ash / On-belt Ash and Moisture Analyser
- COALSCAN 9500X On-belt Elemental Analyser for Coal
- GEOSCAN On-belt Elemental Analyser for Cement or Minerals
- Readimoist Through Bin Moisture Analyser
- SizeScan Particle Size Distribution Analyser
- TBM Series On-belt Microwave Moisture Analyser
- CIFA 350 Carbon In Fly Ash Analyser
- CM 100 On-belt Conductive Material Moisture Analyser
- IRONSCAN 1500 On-belt Natural Gamma Iron Ore Analyser
- MINERALSCAN 1500 On-belt Natural Gamma Minerals Analyser

Specifications

Dimensions & Weight Measurement C Frame

Length	0.60 m (0.86 m*)
Width	1.45 m
Height	1.16m
Weight	150 kg (170 kg*)

* with TBM Moisture Kit

Specifications subject to
change without notice.

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REPRESENTATIVE

