



Who We Are - Why You Should Be Interested

Scantech is an Australian based technology developer and world leader in the application of continuous measurement systems for conveyed bulk materials. Since 1981, Scantech has supplied over 1,400 analysers to customers in 80 countries. The highly successful COALSCAN, GEOSCAN and ReadMoist analysers proven in coal, cement, power, alternative fuels, recycling, steel and minerals industries are the mainstay of our product range. Our innovative measurement solutions improve quality and real time process control.

Our Products - Improving Productivity in Your Plant

Scantech's broad range of high quality industrial instruments has been proven to be:

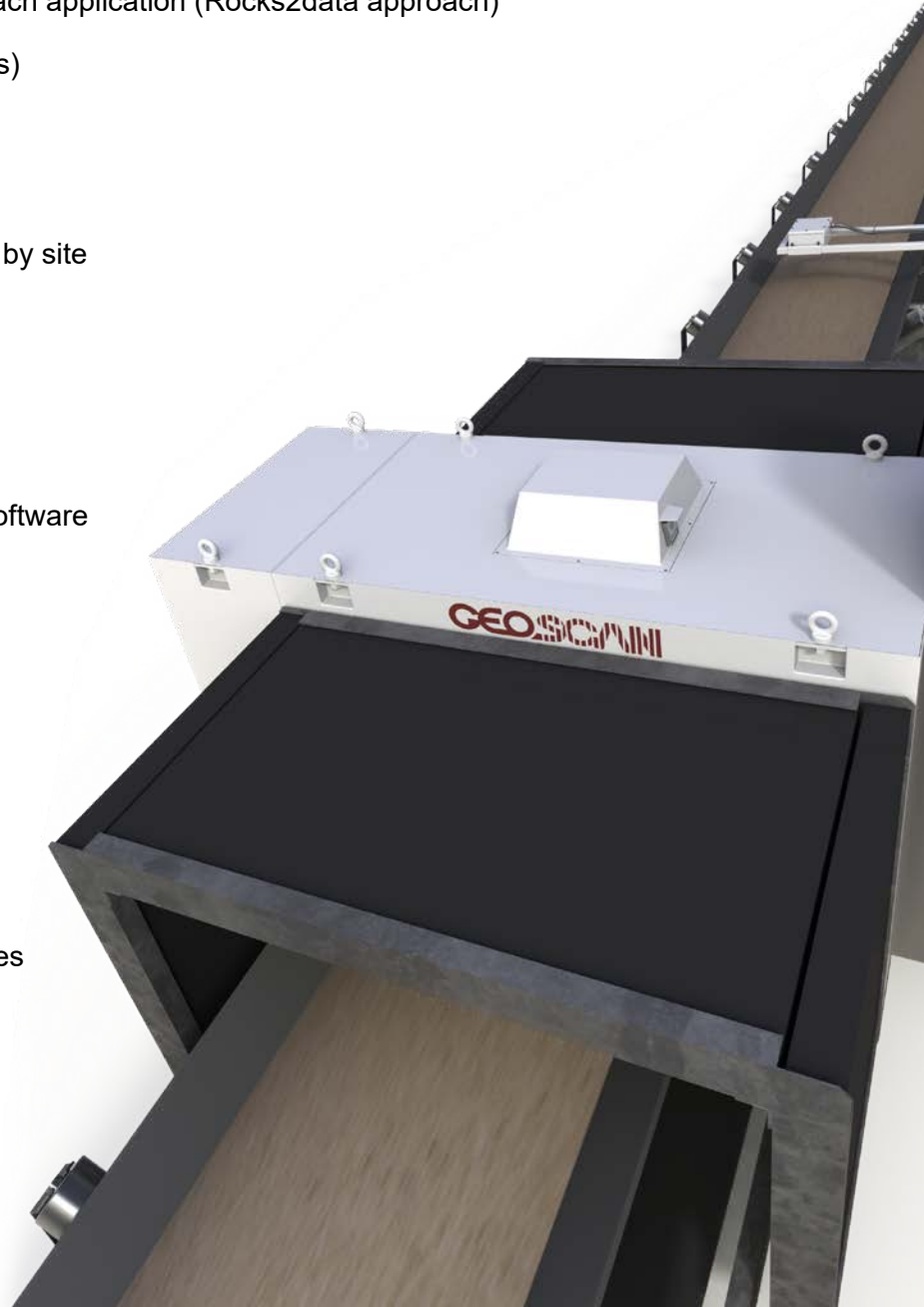
- Safe, robust, reliable and accurate
- Representative by measuring through conveyed material (not surface analysis)
- Flexible to setup to meet data needs of each application (Rocks2data approach)
- Easy to maintain (no contact or wear parts)
- Upgradable in the field
- Accessible remotely
- Transparent – data direct to plant, owned by site

Enhancements include:

- Money-back performance guarantees
- SUPERSCAN display & interface
- BLENDSCAN stockpile & proportioning software
- Customised designs available
- Plant interface options

Major benefits:

- Measure & control quality in real time
- Significant process improvements due to consistent feed quality
- Improved process efficiency and recoveries
- Reduced energy, water, additives
- Multiple concurrent applications of data



Applications



Products

MINERALS INDUSTRY

GEOSCAN GOLD and GEOSCAN-M elemental analysers	<ul style="list-style-type: none"> Premium high specification analyser for fast measurement, demanding applications Suits most ores & concentrates Stockpile management 	<ul style="list-style-type: none"> Blending & bulk sorting Mine feedback, feed forward control
IRONSCAN and MINERALSCAN 1500 Natural Gamma analysers	<ul style="list-style-type: none"> Uranium ore, iron ore, potash, etc. Bulk sorting through flow diversion 	<ul style="list-style-type: none"> Dilution monitoring
MINERALSCAN 2100	<ul style="list-style-type: none"> Density measurement e.g. insolubles in potash, trona 	
ReadiMoist TBM Series microwave moisture analysers ReadiMoist CM 200 conductive/magnetic material moisture analyser	<ul style="list-style-type: none"> Moisture control for filtration, drying, dust, transport Dry tonnage determination in challenging commodities 	
SizeScan PSD, volume & belt speed analyser	<ul style="list-style-type: none"> Next generation 3D IR system Grinding mill, HPGR feed monitoring 	<ul style="list-style-type: none"> Unaffected by dust, no lighting needed Oversize, foreign object detection

RECYCLING & STEEL INDUSTRIES

COALSCAN 9500X, GEOSCAN-S, GEOSCAN-R elemental analysers	<ul style="list-style-type: none"> Raw material analysis Additive control, e.g. sinter basicity Contaminant detection & control 	<ul style="list-style-type: none"> Bulk sorting and blending Process feed forward control Fuel optimisation
ReadiMoist CM 200 moisture analyser for conductive materials	<ul style="list-style-type: none"> Moisture monitoring of coke & sinter feed for blast furnaces 	
SizeScan PSD volume & belt speed analyser	<ul style="list-style-type: none"> Next generation 3D IR system Oversize detection 	<ul style="list-style-type: none"> Unaffected by dust, no lighting needed

CEMENT INDUSTRY

GEOSCAN-C elemental analysers	<ul style="list-style-type: none"> Quarry feedback and control Stockpile building 	<ul style="list-style-type: none"> Limestone sorting & blending Kiln fuel optimisation
BLENDSCAN PILE and MILL software	<ul style="list-style-type: none"> Proportioning software for building stockpiles and Raw mix proportioning 	
ReadiMoist TBM Series microwave moisture analysers	<ul style="list-style-type: none"> Moisture control in concrete batches, in alternative fuel bales and bulky bags 	
BALZSCAN 9500X elemental analyser	<ul style="list-style-type: none"> Kiln alternative fuel Calorific Value and Sulphur / Chlorine content monitoring 	
BALZSCAN 2100 Duet analyser	<ul style="list-style-type: none"> Kiln alternative fuel Calorific Value monitoring 	

COAL AND ALTERNATIVE FUELS INDUSTRIES

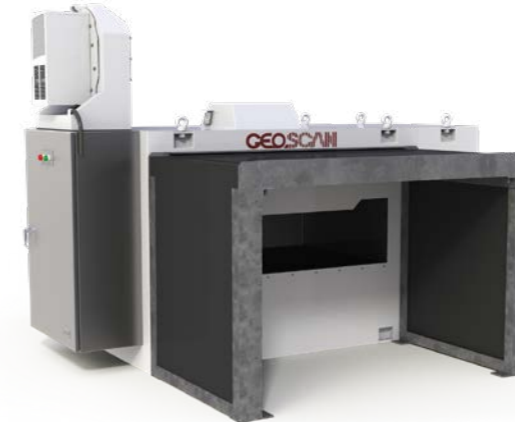
COALSCAN 1500 Natural Gamma analyser	<ul style="list-style-type: none"> Bulk sorting and plant bypass 	
COALSCAN and BALZSCAN 2100 Duet analysers	<ul style="list-style-type: none"> Wash / prep plant optimisation measuring ash and Calorific Value Load out quality control 	
COALSCAN and BALZSCAN 9500X elemental analysers	<ul style="list-style-type: none"> Automated blending and wash / prep plant optimisation measuring elemental 	
ReadiMoist TBM Series microwave moisture analysers	<ul style="list-style-type: none"> Fuels Moisture and dust management 	
SizeScan PSD volume & belt speed analyser	<ul style="list-style-type: none"> Next generation 3D IR system Oversize detection 	<ul style="list-style-type: none"> Unaffected by dust, no lighting needed

POWER GENERATION

COALSCAN and BALZSCAN 2100 Duet analysers	<ul style="list-style-type: none"> Measurement of Calorific value of Fuels 	<ul style="list-style-type: none"> Boiler performance optimisation
COALSCAN and BALZSCAN 9500X elemental analysers	<ul style="list-style-type: none"> Automated blending and wash / prep plant optimisation measuring elemental Bunker feed monitoring & control Alternative Fuel quality control 	
ReadiMoist TBM Series microwave moisture analysers	<ul style="list-style-type: none"> Fuels Moisture and dust management 	
CIFA 350 carbon in fly ash analyser	<ul style="list-style-type: none"> Unburnt Carbon content in fly ash 	

Elemental analyser models:

GEOSCAN GOLD
GEOSCAN-M
GEOSCAN-R
GEOSCAN-S
GEOSCAN-C



COALSCAN 9500X
BALZSCAN 9500X



Dual Energy analysers:



COALSCAN 2100
BALZSCAN 2100
MINERALSCAN 2100



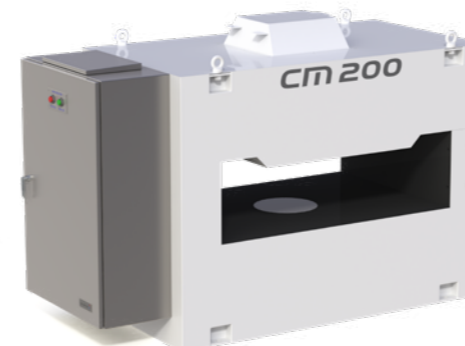
ReadiMoist Moisture analysers:



TBM210/230



TBM280



CM 200



TBM260

Natural gamma analysers:

COALSCAN 1500
MINERALSCAN 1500
IRONSCAN 1500



PSD/volume/foreign object detection analysers:

SizeScan



Carbon in fly ash analyser:

CIFA 350



Services – how to benefit from our expertise

We deliver high quality service and analyser support to customers using highly trained and experienced staff. We provide standard sample evaluation, customised calibration and configuration, on site commissioning, calibration and training services, Product Support Agreements and spare parts to optimise analyser benefits. Scantech's Integrated Services can cater for additional analyser-related requirements, from seamless analyser installation to successful integration with plant operations and plant control systems.

Sample testing

We offer testing of customer samples to ensure calibration and analyser configuration are customised to application:

- Sample size and number specified by analyser
- Measurement performance expectations provided
- Performance guarantees
- 100% success rate in achieving quoted performance
- Eliminates all measurement risk

Installation

We offer a range of installation services to suit your needs:

- Site inspection visits
- Detailed design
- 3D CAD models
- Structural steel fabrication
- Project management
- On site mechanical installation
- On site electrical and instrumentation installation
- On site installation of ancillary equipment



Retrofitting

Scantech has developed upgrade kits for all analysers to extend their working life.

- Update analysers to latest specification including: electronics, software and climate control systems
- Improve radiation safety with Automatic Source Drive kit
- Easy retrofitting on site
- Minimal analyser and conveyor downtime

Analyser Performance Management

On-belt analysis provides plant operators with real-time data which unlocks huge potential for process control. Scantech offers an Analyser Performance Manager to ensure you get the maximum benefit from your analysers.

- Develop Analyser Management Plan to map on-site & off-site activities to achieve desired outcomes
- Report (agreed format) on analyser availability, accuracy, usage and issues to be addressed by whom and by when
- Improve site knowledge and acceptance of Scantech's online analysis technology

Radiation Services

Health and Safety is paramount in any industry. Our Radiation division offers a range of services relevant to your site. Our services include:

- Radiation surveys
- Radiation Management Plans
- Transport & disposal of radioisotopes
- Source wipe (leakage) tests
- Gauge compliance audits



Ancillary Equipment

Scantech offers other parts and services for your project.

- Ploughs for oversize protection
- Density gauges
- Belt scales
- Cross-belt samplers
- Metal detectors & separators
- Sample preparation equipment
- Lab equipment



ADELAIDE OFFICE

PO Box 64 Unley
South Australia 5061
AUSTRALIA
Tel: +61 8 8350 0200
Fax: +61 8 8350 0188

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Technology & Registered Trademarks

Website: www.scantech.com.au

Email: sales@scantech.com.au

BRISBANE OFFICE

PO Box 1485 Springwood
Queensland 4127
AUSTRALIA