

## InduTech Offers You Unmatched Product Quality Control

InduTech Process Controls - We use the word "Process Controls" as part of our name because our analyzers give you immediate, continuous and accurate online feedback to automate processes, improve efficiencies, reduce costs, and achieve the highest quality results. Our analyzers put you in control of your processes, yielding many benefits to your bottom line.

# LEADING EDGE NON-NUCLEAR ONLINE ANALYZERS

Accurate & Reliable Measurement \* Cost Reducing Technology

**INDU  
TECH**  
process controls

Made in Germany

## Fast and Significant Return on your Investment

In today's world, every dollar counts. Our analyzers reduce your plant's costs by providing accurate information to improve your processes. This means you see a significant return on your investment in our equipment within months, if not weeks.

## Meet Regulatory Requirements Without Worry

When you need to meet regulatory requirements, not only do you need accurate results, but you also need instruments that you can rely on to stay in compliance. InduTech provides you with exactly this reliability and accuracy.

## Easy Installation, Training and Safety

Our analyzers have been designed to make installation and training fast and uncomplicated, often in as little as 1 day, unlike other analyzers on the market. Easy or no licensing is needed as with nuclear analyzers.

## Software and Remote Service

Sophisticated data handling software is included with every instrument to give you immediate information about your process conditions and product quality. A remote service program is also included that allows us to assist you with servicing your instrument at any time from any location.

## Environmental Benefits

With better control of your processes, InduTech gives you the ability to reduce emissions and improve your capability to meet or exceed environmental regulations. No nuclear waste.

## Product Reliability

For 40 years, the founder of InduTech has provided the leading edge of research in analysis and measurement of material. We have continuously improved our online analyzers to achieve faster, more accurate results while improving instrument reliability. You benefit from our years of research and experience to help improve your own bottom line.

Join the growing list of customers who are using the OXEA® and PMD analyzers to take control of their processes. Contact InduTech for further information or a presentation.



OXEA® - on the main belt

## Gain Immediate Control of your Process

### Non-Nuclear Instruments

- XRF Elemental Analyzers
- Microwave Moisture Analyzers

### Applications:

- Coal Mines, Coking Plants and Power Stations
- Steel and Iron Industry
- Cement Industry
- Potash Industry
- Ore Mines and Mineral Processing Plants
- Recycling Industry
- Chemical Industry
- Pharmaceutical Industry
- Wood and Paper Industry
- Food Industry

### FEATURES & BENEFITS

- No radioactive source or nuclear waste
- Online measurement for continuous results
- Easy installation & low maintenance
- Fast & accurate calibration
- Low operational costs
- Fast return on investment
- Easy or no licensing

**INDUTECH GmbH**  
Ahornweg 6 - 8  
D- 72226 Simmersfeld  
fon.: +49 (0) 7484 - 9297 - 0  
fax.: +49 (0) 7484 - 9297 -33  
e-mail: info@indutech.com  
internet: www.indutech.com

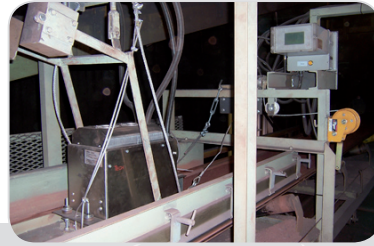
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# OXEA®

## Patented Online X-ray Elemental Analyzers

Our OXEA® product line of analyzers utilize X-ray fluorescence (XRF) to determine the elemental composition of a measured product. All elements with an atomic number > 10 can be detected down to the ppm-range. InduTech is the pioneer in applying XRF to continuous online measurement with our patented technology. OXEA® is ideally suited to power stations to determine the sulphur and ash content of coal to a high level of accuracy. In addition, OXEA® provides operational benefits to a wide variety of non-coal applications.



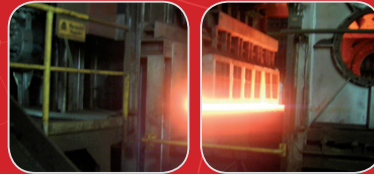
OXEA® - on the main belt

## OXEA® - atline series

Standard version

When online is not possible or not desired, our OXEA® atline series delivers the same results for all applications shown on the left. The atline instrument measures the entire elemental composition – within 2 minutes. Easier and faster to use than laboratory measurement instruments.

- No sample preparation needed; measures on granulated material



## OXEA® Applications Include:

### ➤ Coal Mines, Coking Plants and Power Stations

- ash content
- sulphur content
- carbon in fly ash
- calorific value / inerts
- ash fusion
- indication for slagging and fouling
- volatiles
- trace elements, as arsenic
- solid and ash content of slurries
- complete elemental composition of ash
- type recognition of coal
- distinction between coal, coke, petrol coke and slag
- moisture content

### ➤ Steel Industry

- complete elemental composition of ore
- basicity of sinter and ore
- zinc content of converter dust up to 300°C
- moisture content

### ➤ Cement Industry

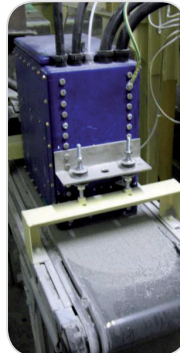
- elemental composition of - raw meal | limestone | cement
- moisture content

### ➤ Potash Industry

- potash content in silos
- belt potash meter
- potash belt weigher
- moisture content

### ➤ Ore Mines and Ore Preparation Plants

- elemental composition of ore and concentrates
- copper
- bauxite
- magnesite
- iron
- platinum
- gold
- lead
- further minerals
- moisture content



OXEA® - at bypass belt



OXEA® - at bypass turntable



New!

### OXEA® - atline series VS

Same as OXEA atline standard version, but as Full Protection Device (German Type Approval # BfS 08/08 V RöV)

- No need for radiation safety officer
- No licensing required (only registration)

## Optional combination

### PMD 2450

Precision Microwave Device

Online Microwave Moisture Measurement

Precise | Representative | Contactless



#### Measure:

- Bulk materials
- on conveyor belts
- in chutes

The PMD 2450 utilizes microwave transmission by measuring attenuation and phase shift to analyze moisture content. Originally developed by the founder of InduTech and continuously improved, this is the 4th generation of this instrument, with noticeably increased accuracy, especially when dealing with thin layers and measuring non-homogenous products.