

# Measuring Equipment for the Coal and Mineral Industry



## measurements made on:

- main belt
- bypass belt
- atline (near process)

## advantages of OXEA® - Online X-ray Elemental Analyzer

- easy license procedure
- no costs for disposal of nuclear waste
- low maintenance costs
- remote maintenance
- self-check function with data transfer to the PLC
- continuous data monitoring and data transfer to PLC

## available measuring parameters

- ash content
- sulphur content
- trace elements, e.g. arsenic
- whole elemental composition of ash
- volatiles
- calorific value
- recognition of different coal types
- determination of coal / coke / slag / petrol coke
- elemental composition of minerals
- elemental composition at high temperatures, e.g. converter dust with up to 350°C

## advantages of PMD 2450 - Precision Microwave Device

- accurate contactless online moisture measurement
- no nuclear sources in most applications
- data collection over 1 year
- continuous data monitoring and data transfer to PLC

## available measuring parameters

- moisture
- density / concentration of slurries
- carbon in fly ash

## you will find InduTech measurements in

- mines
- coal-fired power plants
- coking plants
- preparation plants
- steel plants
- cement industry
- others

InduTech GmbH process controls holds the exclusive patent rights for the technology used for XRF - online measurement

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