

# CODEL

A Forbes Marshall Company

## DeNOx process control (SCR, SNCR)



ISO 9001:2015  
Quality Certification

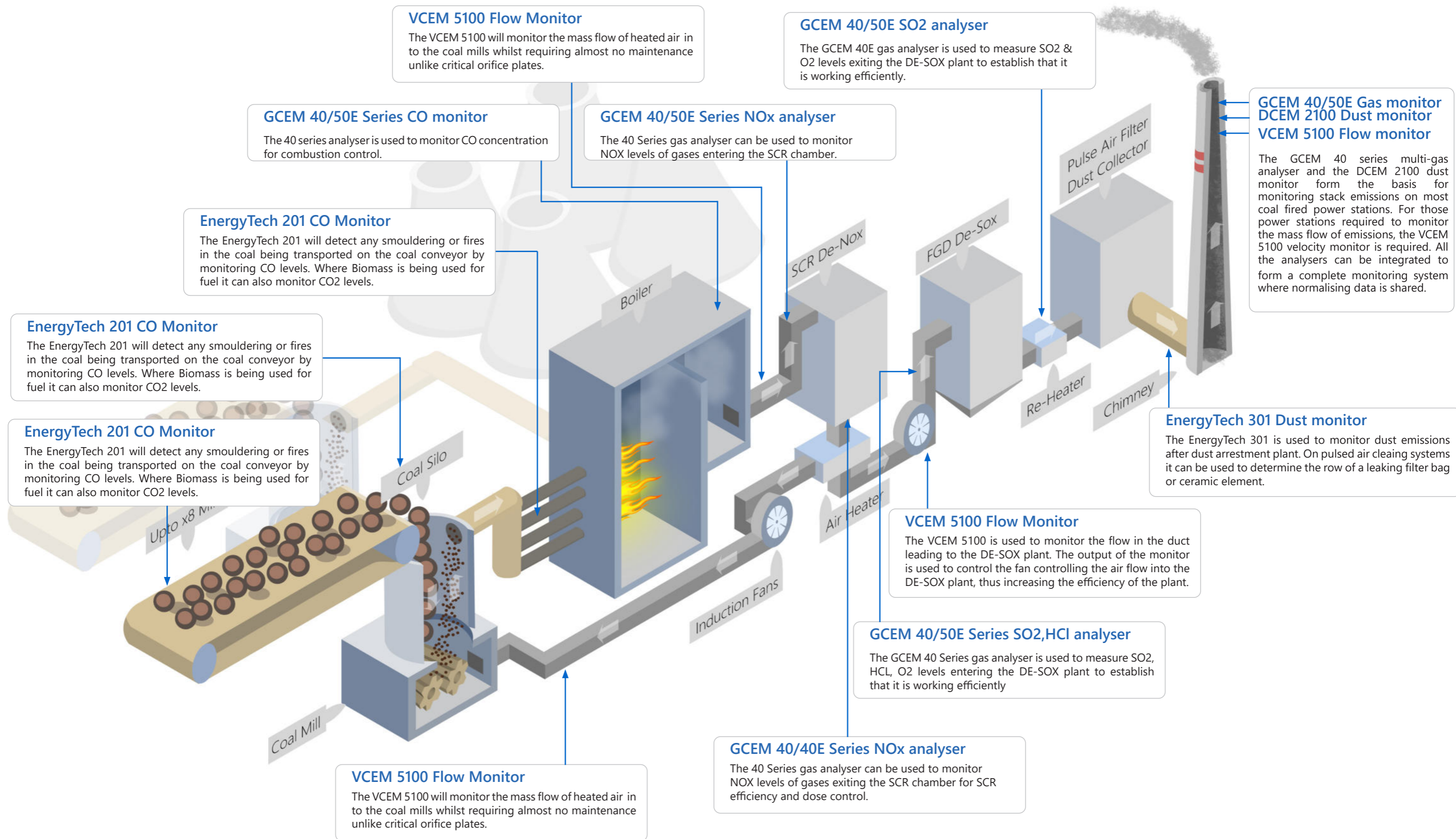
ISO 14001:2015  
Environmental Certification

Monitoring Solutions

 EnergyTech *SmartCEM*

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Distributor

**Monitoring Solutions**  **SmartCEM** [www.codel.co.uk](http://www.codel.co.uk)

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## Cement Plant - Product Overview



ISO 9001:2015  
Quality Certification

ISO 14001:2015  
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**GCEM 40/50E Gas monitor**  
**DCEM 2100 Dust monitor**  
**VCEM 5100 Flow monitor**

The GCEM 40 series multi-gas analyser and the DCEM2100 dust monitor form the basis for monitoring stack emissions on most typical cement plants. For those power stations required to monitor the mass flow of emissions, the VCEM 5100 velocity monitor is required. All the analysers can be integrated to form a complete monitoring system where normalising data is shared.

**EnergyTech 301 Dust monitor**

The EnergyTech 301 are used for filter management systems, for early leak detection. It can also be used to determine the row of the leaking filter bag.

**DCEM 2100 Dust Monitor**

When ESP filter is used the DCEM 2100 dust monitor can be used to monitor efficiency of the ESP filter.

**GCEM 40/50E Series CO analyser**

If ESP is used a GCEM40/40E can be used for CO monitoring in order to aid prevention of explosions in the ESP.

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**EnergyTech 201 CO Monitor**

The EnergyTech 201 will detect any smouldering or fires in the coal bin / coal mill by monitoring CO & O2 levels.

**EnergyTech 301 CO Monitor**

The EnergyTech 301 are used for filter management systems, for early leak detection. It can also be used to determine the row of the leaking filter bag.

**GCEM 50E Series CO & O2 analyser**

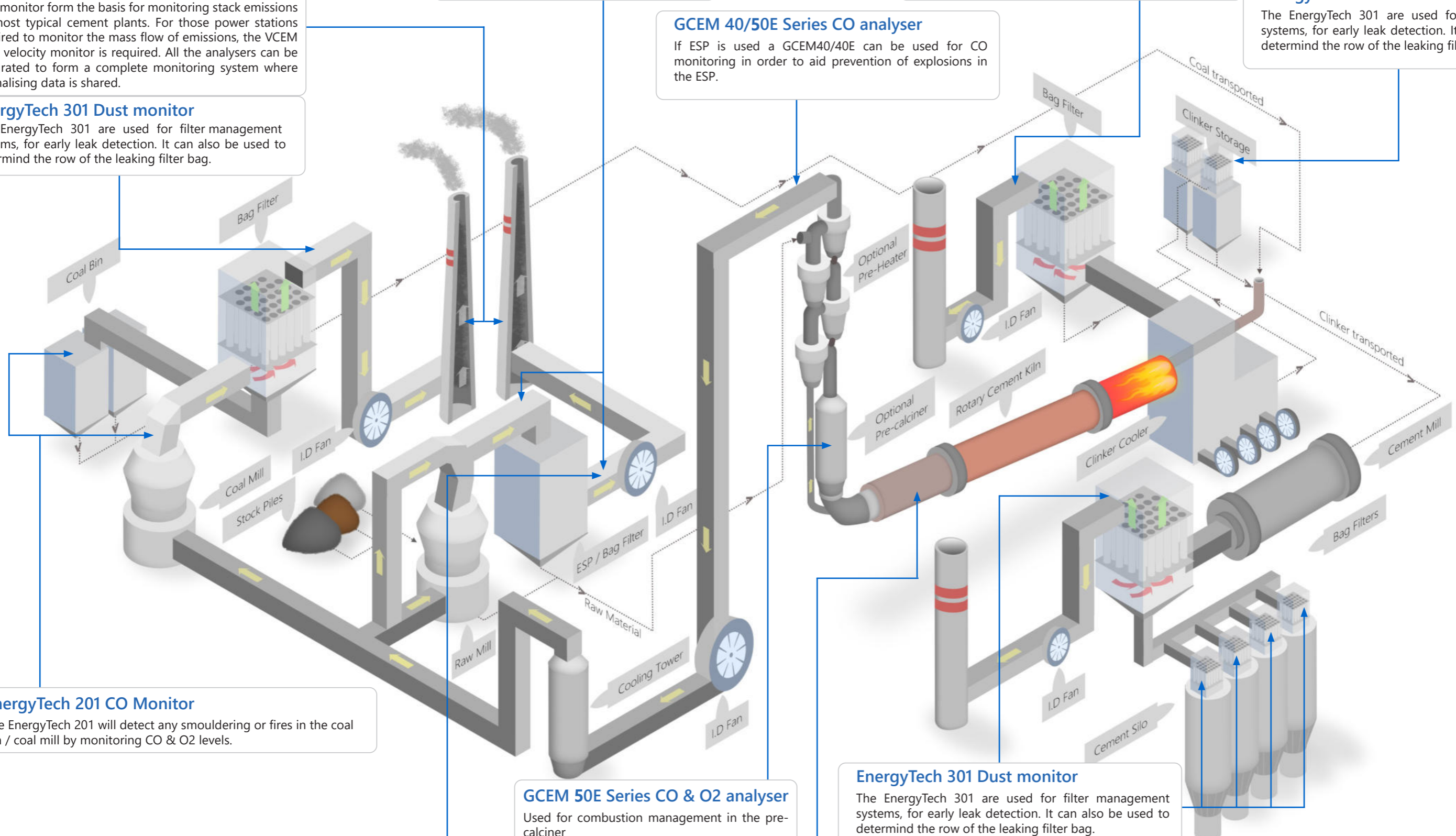
Used for combustion management in the pre-calciner

**GCEM 50E Gas analyser**

CO & O2 is used for combustion management in the rotary kiln. NO, SO2 & CO2 can be used for clinker quality monitoring.

**EnergyTech 301 Dust monitor**

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