

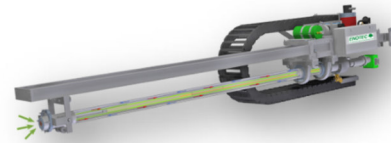
Solutions for Cement Industry

ECM Group, in close cooperation with leading manufacturers of analytical technology, supplies instrumentation solutions for monitoring particles, gases and liquids. Since 1991 ECM has been operating in several countries in Central Europe, Eastern Europe and Kazakhstan.



- **Cement kiln probes**

In partnership with Enotec, ECM is offering high quality cooled kiln probes. Periodic rotation of the probe is preventing problems with deposits and probe bending. Effective blowback and mechanical probe cleaning allows reliable long term operation with minimum maintenance. The probe can be provided with built – in O₂ sensors, other gas compounds are monitored by extractive analyzers connected by a heated hose.

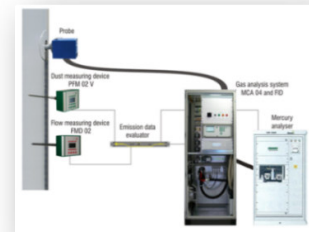


- **Monitoring of O₂ and CO for safety purposes in coal mills, preheaters and precalciner**



- **CEMS: Continuous Emission Monitoring Systems**

ECM is providing EN 14181 QAL1 certified CEMS solutions for all requested compounds



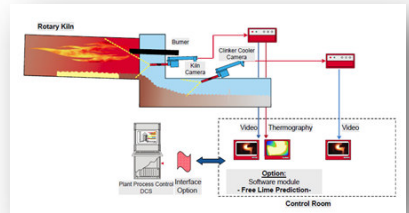
- **Dust monitoring for effective identification of failing filter bags**



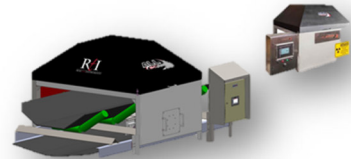
- **Monitoring of air flow carrying coal, limestone and cement dust in ducts at up to 1000°C temperatures**



- **Thermography for temperature analysis of the rotary kiln and cooler**



- **On-line elementary analysis of the minerals for cement production, and optimal dosing of additives**



- **Contactless monitoring of the flow of bulk materials**

Electronic monitoring of powder and bulk material mass flow and flow speed



- **Moisture monitoring of alternative fuels**



For detailed information on solutions of your interest we are gladly available at:

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