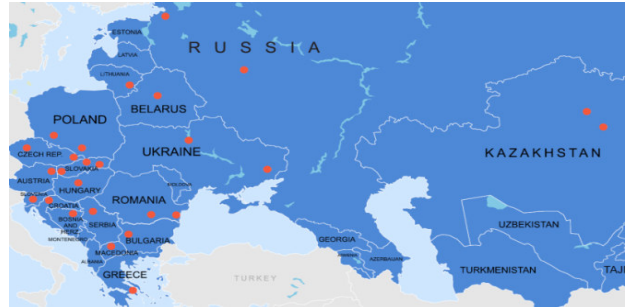


Glass and Ceramic Industry

Teaming leading instrumentation manufacturers ECM Group companies are supplying since 1991 gas, liquid, solid, metal and particle monitoring instrumentation for clients in Central and Eastern Europe.



Solutions for the glass and ceramic industry:

Combustion Control

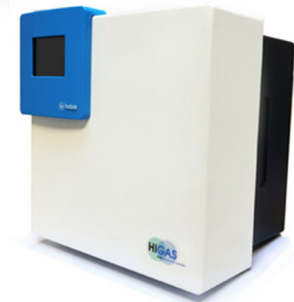
For optimization of combustion processes proper dosing of combustion air is essential. The control must be based on representative monitoring of O₂ and CO content in flue gas at high furnace temperatures. Conventional O₂ monitoring is not always sufficient for an effective burner control.

Parallel O₂ and CO monitoring provides the representative information.



Wobbe index, Heat Value of Fuel Gases

Catalytic, chromatographic and IR analyzers for proper blending of fuel gas



Fuel Gas and Combustion Air Flow

Thermal conductivity, fluidistor, ultrasonic, and discontinuity based flow monitors to monitor even hot and heavily polluted gases



Filter Watch Monitoring

Filter watch monitoring systems allow easy identification of a defective sleeve. This monitoring helps effective maintenance planning and significantly prolongs sleeve life expectancy.

Heat Stress Monitoring

Instrumentation to determine heat stress exposure of the employees in working area



Working Area Monitors

Particulate and toxic gas working area monitoring

Continuous Monitoring of Emissions

EU legislation typically requires monitoring of SO₂, NO_x, CO, CO₂, O₂, particles and flow. CEMS can be extended by HCl, HF, NH₃, TOC and Hg.

Data systems allow flexible implementation in accordance to local legislation and plant specifications.

All the instruments must fulfill QAL1 certification requirements.



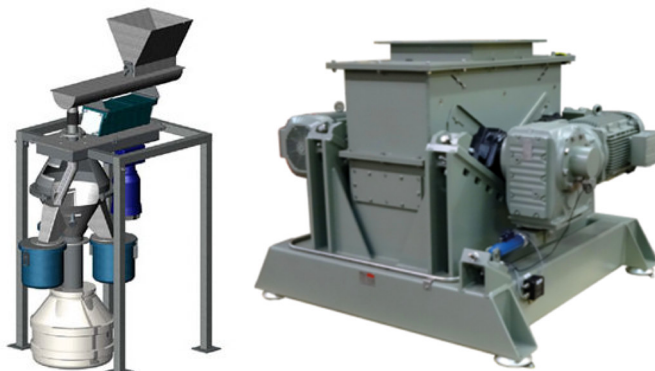
Portable Analyzers

Purpose of these instruments is flue gas testing and proper setting of boiler systems. Rugged instruments designed for harsh industrial environment allowing remote communication.



Flow and Sampling Monitoring of solid materials

Flow monitoring and representative sampling of bulk materials for later laboratory analysis



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