

Emission Control Solutions



CGA 12
Utilising the MGA 12

Continuous Emission Monitoring of Cremation Processes



CEM Solutions service & calibrate gas and dust analysers on Crematoria throughout the UK

The CGA12 Crematorium Gas Analyser has been specifically designed to exceed the statutory continuous emission monitoring requirements of Process Guidance Note 5/2(12) by adopting industry best practice, utilising MCERTS approved devices, measuring CO/O₂ and Particulates as standard with the provision to include NO_x / VOC if required.

It is applicable for:

- Compliance with permit requirements
- Monitoring of plant performance
- Optimising plant efficiency

Crematoria are a 'Part B' activity under the local authority pollution prevention and control (LAPPC) regime.



SOLUTION

CGA 12 has been designed specifically to exceed legislative requirements and offering options that would allow expansion to encompass some of the requirements of the Crematoria Guidance Review.

The standard gas monitoring solutions includes:

- MCERTS Certified multi-gas analyser
- Sample gas conditioning system
- Heated sample probe

Options:

- Scalable to accommodate additional analyser modules such as VOC's and NOx measurements
- Particulate monitor
- Data logging system for compliance reporting



Dr Foedisch Multi Gas Analyser MGA 12

KEY FEATURES:

- Graphic display (LCD)
- Continuous extractive gas analyser system
- Cold dry gas measurement
- Up to 5 components - from a selection of 9
- Compensation for temperature, pressure and water cross sensitivities
- Low maintenance requirements
- QAL 1 & MCERTS according to EN15267-3



Dr Foedisch Particulate Filter Monitor PFM 20

KEY FEATURES:

- QAL 1 Certified and MCERTS tested (certificate pending)
- Lowest certificated range 0 - 7.5 mg/m³ dust, max. measuring range 0...250 mg/m³ dust (special range 0...1,000 mg/m³ dust on request)
- Automatic zero and reference point check
- Compact probe head and coated probe rod
- Customizable probe rod lengths and power supply options
- Modbus RS 485, analogue and digital signal output
- Connectivity for external display and operation unit (DUx 20; optional)
- Robust device and long-term stable measurement results

CEM Solutions CEMWare Data Acquisition & Handling

KEY FEATURES:

- 17" Touch screen display
- View live and historical trend data
- Minimum 36 months data storage space as standard
- Export logged data to Excel, .csv or text file
- Flexible input/output selection
- Audio / Visual Alarms

