

Product Datasheet

DCEM 6000 Dust Analyser



CODEL's premium QAL1 dust analyser, delivering precise emissions monitoring and assured environmental compliance.

ISO 9001:2015

Quality Certification

ISO 14001:2015

Environmental Certification

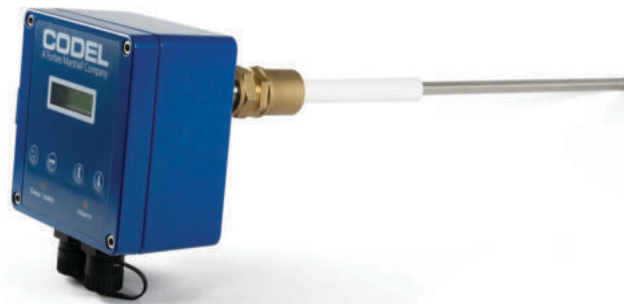
Monitoring Solutions

www.codel.co.uk

The DCEM 6000 is CODEL's premium QAL1 triboelectric dust analyser, delivering the highest level of accuracy and compliance for industrial emissions monitoring. Designed for continuous, high-precision dust measurement, it provides operators with real-time data to ensure environmental compliance and optimise filtration efficiency.

Certified to both EN 14181 and EN 15267-3, the DCEM 6000 meets the strictest regulatory standards, making it the ideal choice for industries with rigorous emissions control requirements. Its advanced tribo-electric technology offers superior sensitivity, allowing for the detection of even the lowest particulate levels, ensuring a cleaner, more efficient operation while minimising emissions.

For industries demanding the highest performance, reliability, and compliance assurance, the DCEM 6000 is the ultimate solution for dust monitoring and emissions control.



Features and Benefits

- ▶ Direct sensing method, actual particulate concentration.
- ▶ Automated online zero and span checking facility.
- ▶ Integrated calibration function for mg/m³ output.
- ▶ Easy installation with minimal maintenance required.
- ▶ Certified to EN 14181 & EN 15267-3 (QAL1)

Typical Applications

- ▶ Industrial Manufacturing
- ▶ Chemical Manufacturing
- ▶ Power Plants
- ▶ Recycling Plants
- ▶ Woodworking and Sawmills
- ▶ Pharmaceutical
- ▶ Recycling Plants
- ▶ Mining Operations
- ▶ Power Generation
- ▶ Cement Plants
- ▶ Dust Collectors
- ▶ Waste Management

Operating Principle	Triboelectric
Certification	EN 14181 & EN 15267-3 *QAL1 0-7.5mg/m ³
Supplementary Ranges	0-15mg/m ³ , 0-50mg/m ³ , 0-100mg/m ³
Maximum Operating Range	0 - 500mg/m ³
Resolution	0.01%
Response Time	From 30 Seconds
Alarm Level	Programmable by user
Probe Lengths	250, 500, 750 & 1000mm
Process Temperature	0°C to +250°C
Ambient Temperature	-20°C to +50°C
Power Supply	100-240V AC +/- 10%
Construction	Powder coated aluminium casting, weatherproof to IP66 (NEMA 4)
Dimensions (mm)	H160 x W160 x D90
Mounting Arrangement	Supplied 1" BSP, 100mm Long Stub Pipe
Accuracy	+/- 0.2%



Realtime data and Reporting hub

CODEL Cloud allows for realtime data whenever and wherever you need it.



What is CODEL Cloud?

CODEL Cloud is an advanced cloud-based platform designed to provide real-time remote monitoring and data management for industrial emission monitoring systems. It allows users to access, visualize, and manage emissions data from anywhere, offering full visibility and control over CODEL's Continuous Emissions Monitoring Systems (CEMS).



Security and Compliance

Rest easy knowing that your data is secure and compliant with industry standards. Our software employs robust security measures to protect your sensitive information, ensuring confidentiality and integrity.



24/7 Support

CODEL offers dedicated technical support for CODEL Cloud users. Our team is available to assist with setup, troubleshooting, and ongoing maintenance to ensure smooth operation and optimal performance.



Available on all devices

CODEL Cloud works on any device and any operating system. You can have insights and notifications directly in your pocket on your mobile phone, or live data inside your control room or office.

Live Data Streaming



Harness the power of real-time data streaming to stay ahead of the curve. Our software enables live updates, ensuring you have Realtime instrument data at your fingertips, empowering you to make informed decisions instantaneously.

User-friendly Interface



Our intuitive and user-friendly interface makes navigating and utilizing the software a breeze. No need for extensive training – start extracting value from your data from day one.

Alert Notifications



Stay on top of critical events with customizable alerts. Set thresholds for key metrics, and receive notifications in real-time, allowing you to proactively address issues and capitalize on opportunities.

Advanced Analytics



Dive deep into your data with our advanced diagnostic tools. Uncover patterns, correlations, and outliers that might go unnoticed in traditional analysis. Make data-driven decisions with confidence and precision.

**COMPATIBLE ON ALL
CODEL TRIBOELECTRIC
MONITORS**

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