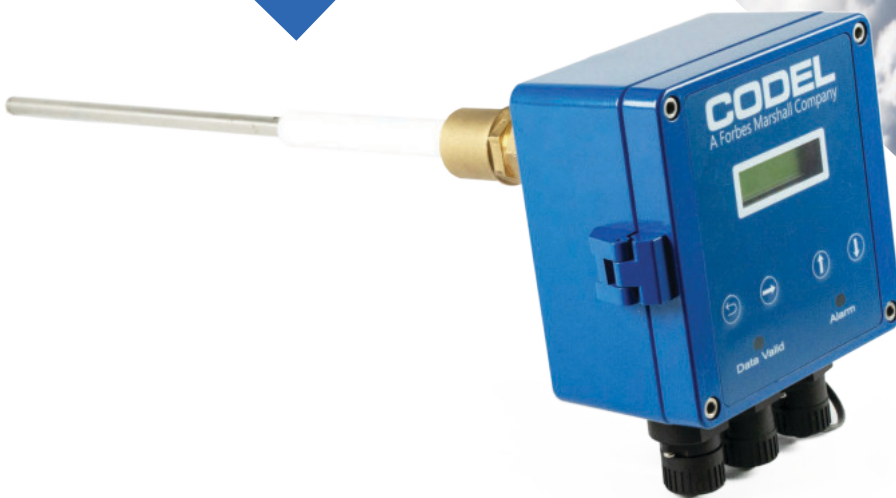


Product Datasheet

EnergyTech 600 Dust Monitor



CODEL's high-sensitivity triboelectric dust monitor, providing accurate emissions tracking and reliable regulatory compliance.

ISO 9001:2015

Quality Certification

ISO 14001:2015

Environmental Certification

Monitoring Solutions

www.codel.co.uk

The EnergyTech 600 is CODEL's triboelectric dust monitor, designed for reliable, real-time measurement of particulate emissions in industrial processes. With its high-sensitivity detection, it provides accurate monitoring of dust levels, ensuring compliance with regulatory limits and helping operators optimise filtration performance.

Certified to EN 15859, the EnergyTech 600 meets strict industry standards, making it a trusted solution for emissions control. By continuously tracking dust emissions, it allows for early detection of rising particulate levels, enabling proactive maintenance, reducing material losses, and supporting a cleaner, more efficient operation.

For industries that require precise dust monitoring without the cost of premium systems, the EnergyTech 600 offers the perfect balance of accuracy, compliance, and affordability.



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 15859

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 15859 Filter Dust Monitor: 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**

CODEL

A Forbes Marshall Company

CODEL International LTD
Unit 4
Station Road
Bakewell, Derbyshire
DE45 1GE

Tel : +44 (0)1629 814351
Fax : +44 (0)1629 566307
Web : www.codel.co.uk
email : Sales@codel.co.uk



Distributor

Monitoring Solutions

www.codel.co.uk