



cem solutions
CONTINUOUS EMISSIONS MONITORING

CEMWare

Data acquisition & handling system



Product Information

Securely logging data from your emissions monitoring devices is an essential aid for process management and often a mandatory environmental requirement.

APPLICATION

Choosing a flexible data acquisition and handling system (DAHS) with a user-friendly graphical interface allows operators to:

- Monitor real time data for quick response to live events
- Analyse process performance and effectiveness
- Review historical data
- Generate reports to satisfy regulatory requirements.

CEMWare is a secure and flexible solution developed on a reliable and proven industrial standard data-logger platform. Data is displayed in real time via on screen charts and live graphs.

All functions are accessed by the large touch screen display.

Optional remote access packages are available with data validation, secure backup and report generation.

PRODUCT FEATURES:

- Large touch screen display
- Intuitive tile-based menu system
- Flexible visibility of live data via charts & graphs
- Minimum 3 years data storage space as standard
- Export logged data to Excel, .csv or text file
- Flexible input / output selection
- Audio / Visual Alarms

PRODUCT BENEFITS:

- Cost effective solution
 - excellent price/performance ratio
- Aids system fault diagnosis
- View live and historical data allowing 24/7 system checks
- Forms a valuable part of process management
- Easily generate reports for regulatory compliance



CEMWare

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REPORTING

Emissions Report

Reporting Period: 01/06/2020 - 30/06/2020 (inclusive)

CO Values Exceeding 95% Limit (95 mg/m³)

Log Date Time	CO [mg/Nm ³]
02/06/2020 10:00:00	532.4
02/06/2020 12:00:00	180.9
02/06/2020 13:00:00	497.0
02/06/2020 14:00:00	496.2
02/06/2020 15:00:00	172.8
02/06/2020 16:00:00	213.3

CO Values Exceeding 100% Limit (100 mg/m³)

Log Date Time	CO [mg/Nm ³]
02/06/2020 10:00:00	532.4
02/06/2020 12:00:00	180.9
02/06/2020 13:00:00	497.0
02/06/2020 14:00:00	496.2
02/06/2020 15:00:00	172.8
02/06/2020 16:00:00	213.3

Top 10 CO Values

Log Date Time	CO [mg/Nm ³]
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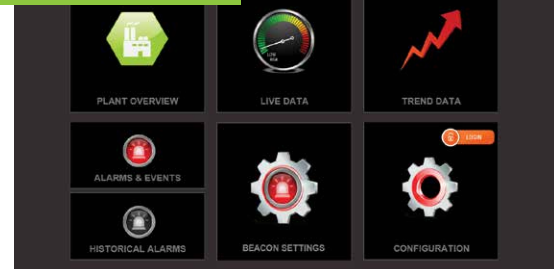
CO 95th Percentile [mg/Nm ³]	532.4
Temperature Minimum [degrees Celsius]	21.4
Temperature Maximum [degrees Celsius]	189.5
O ₂ Minimum [Vol %]	11.0
O ₂ Maximum [Vol %]	20.95

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Report Generated: 30/06/2020 12:03:32

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HOME PAGE



LIVE DATA DASHBOARD



TRENDS



TECHNICAL DATA

Enclosure & Dimensions:	Wall Mount 600 x 600 x 210, 30kg
Power supply & Consumption:	230V AC / 1000VA
Inputs/Outputs:	8 x Isolated Analog Inputs, 8 x Digital Inputs, 8 x Digital Outputs
PC Specification:	Intel mini PC, 8GB RAM, 240 GB SSD
Touch Screen:	17" Intellitouch screen
Operating System:	Windows 10 PRO
Remote Access:	Packages available for remote access including system checks, faults diagnostics & report generation. Can be configured for direct access on the local site network
Options:	Additional I/O channels

