

CEM Data Logger – Data Acquisition System

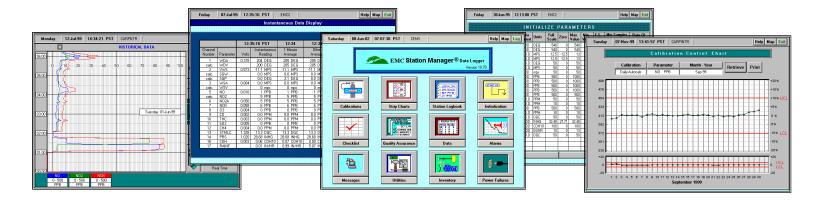
Data Acquisition System (DAS) Continuous Emission Monitoring (CEM)



Station Manager CEM Data Logger PC

Key Features

- Integrated CEM Data Logger, Data Handling System, and Reporting System
- Intuitive User Interface
- Data Reporting 40 CFR Part 60 and 40 CFR Part 75
- Allen-Bradley PLC, Automation Direct PLC, Modicon PLC, or Advantech SIU
- Modbus "Master" and "Slave" Interfaces to Plant DCS and SCADA Systems
- Data Inputs from Wonderware, Microsoft SQL Server, or Oracle databases
- Strip Charts and Trend Recording
- Timer Controller Program
- Calibration Control Logbook Inventory Alarms
- Data Export to Microsoft Excel Spreadsheets
- Microsoft Windows 2000
- Voice Alarm Message
- **NEW** E-Mail Alarm and Report Program
- **NEW** Real-Time Data Display





EMC Environmental Monitoring Company, Inc.

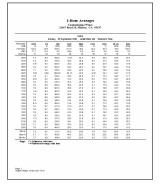
Email: sgersh@emcslo.com • Web Site: www.emcslo.com

EMC Station Manager® CEM Data Logger – Data Acquisition System

Specifications

- Station Manager PC: Low Cost Dell, Gateway, IBM, or HP PC, or Industrial Rack-Mount PC.
- PC Specifications: 2.0 GHz Celeron, 128 MB RAM, 40 GB Drive, CD-ROM, 15' Monitor, Microsoft Windows 2000
- Hardware I/O Devices: PLCs, Advantech "ADAM" Signal Interface Units (SIUs), and Direct Serial Interface to Analyzers
- PLCs Supported: Allen-Bradley, Automation Direct, Modicon, and other PLCs
- PLC Interface: RS-232C and Ethernet (TCP-IP)
- ADAM SIU Interface: RS-232C, RS-485C, or Ethernet (TCP-IP)
- ADAM 4-Slot SIU Dimensions: 9.3" L x 4.3" W x 2.9" H (231mm x 110mm x 75mm), 1.7 lbs (3.7 kg)
- ADAM 8-Slot SIU Dimensions: 13.9" L x 4.3" W x 2.9" H (355mm x 110mm x 75mm), 2.6 lbs (5.7 kg)
- Analyzer Interface: Voltage, Current Loop, and RS-232C
- Analog Signal Resolution: 16-Bit Analog to Digital (A/D) Converter
- Analog Inputs: 8, 16, 24, or 32 Differential Analog Inputs (Voltage: 0-1, 0-5, 0-10 vdc Current: 0-20 ma or 4-20 ma)
- Digital Inputs: 8, 16, 24, or 32 Optically Isolated Digital Inputs
- Relay Outputs: 8, 16, 24, or 32 Relay Outputs

Call Factory For Further Information



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CEM Data Reports



Hardware I/O Devices

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