

AutoDUST-GAS System



Features and benefits

- Automated Dust and Gas Meter system designed for remote monitoring
- The system incorporates proven environmental monitors such as
 - nephelometer
 - particulate monitor
 - photoionization detector
 - combustible gas monitor
- Multiple environmental monitors may be connected to each system
- The system obtains and processes the readings from the monitors and outputs the real-time dust (PM₁₀, PM_{2.5} or TSP) and gas (CO, NO, O₂) concentrations or other parameters such as VOCs and %LEL
- Based on a Campbell Scientific CR800 datalogger, the system is fully programmable to closely match the requirements of each project
- The system utilizes a cellular modem for remote operation and data upload
- Data output compatible with most web based presentation and management software, including ARGUS
- 4Mb non-volatile data storage memory, able to keep months of historical data
- Includes weatherproof enclosure