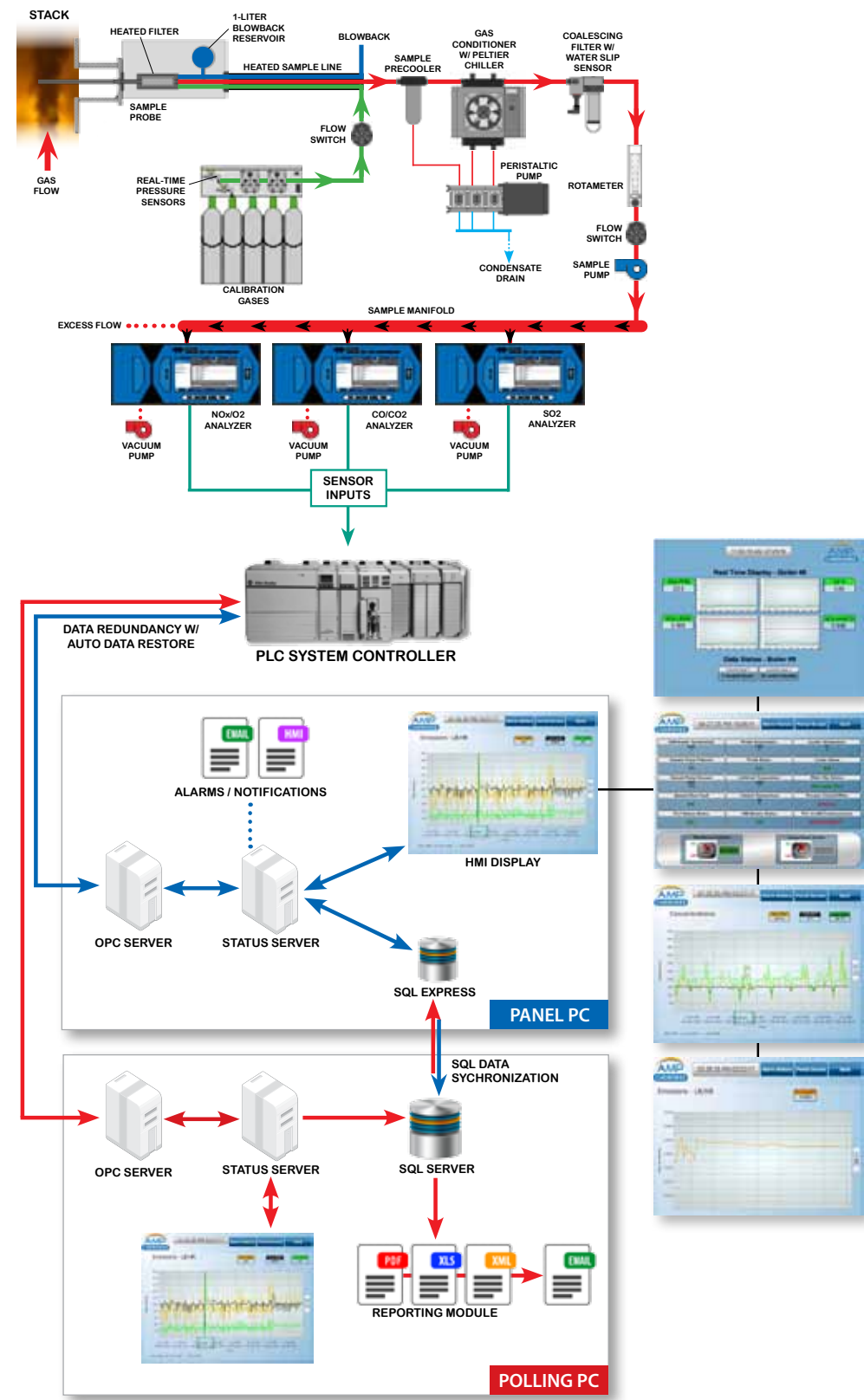


DIRECT EXTRACTIVE CEMS FLOW SCHEMATIC



- NOx
- SO2
- CO
- CO2
- O2
- THC
- HCl
- NH3
- H2S
- TRS



CEMS/Opacity/Flow/FTIR

CONTINUOUS EMISSIONS MONITORING SYSTEMS
FOR EMISSIONS COMPLIANCE AND PROCESS MEASUREMENT

PERMANENT | TEMPORARY | PROCESS MONITORING

CEMS/Opacity/Flow/FTIR

Continuous Emissions & Performance Monitoring Systems

Integrated CEMS/PEMS/DAS Solutions

From application-specific monitoring system design and integration to installation and commissioning, AMP-Cherokee provides direct-extractive and dilution-extractive CEM systems, and predictive emissions monitoring systems (PEMS), with our integrated DAS.

Built for maximum reliability and minimal maintenance, AMP-Cherokee can accurately quantify exotic compounds through in-situ or extractive FTIR systems.

AMP-Cherokee CEM systems can be configured to monitor for one or all of the following:

- NOx • SO2 • CO2 • O2 • CO • THC • TRS • Mercury
- H2S • HCl / HF Acid • NH3 • Particulate • Opacity
- Volumetric Flow / Moisture • Custom CEM Applications



HMI/Panel PC

Accurate. Redundant. Reliable.

AMP-Cherokee is the only CEMS integrator to offer redundant sampling system components as standard equipment. Redundant features include integral Teflon lines for sample, calibration and blowback, backup sample pump/gas conditioner, as well as the necessary connections for up to ten gas components (5 dual detector analyzers).

AMP-Cherokee CEM systems are built to your specifications and optimized for accurate measurements and reliable performance to keep the cost of your system operation to a minimum.

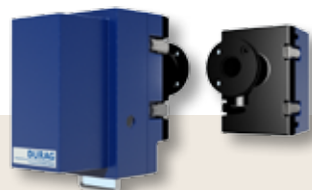
Ease of Operation & Maintenance

CEM systems from AMP-Cherokee are the easiest to operate and maintain. The HMI interface and plug-and-play design sets a new standard in reliability and ease of operation. With built-in redundant sampling, system uptime is protected.



Dilution Extractive CEMS

Direct Extractive CEMS



DURAG Opacity Systems

- Automatic zero and span check
- Automatic measurement and correction of contamination of optical surfaces
- Extremely powerful and stable super-wide band diode (SWBD) light source
- Extremely low-maintenance
- Fail-safe shutter purge air option
- Certified according to EN 15267-3
- Compliant with 40 CFR 60 PS1 & ASTM 6216



KURZ Series 220 Isokinetic Flow Sampling Systems

Kurz offers a complete isokinetic sampling system to ensure true sample composition — from stack flow monitoring and sample capture to sample flow control.



MKS FTIR-based CEMS

Simultaneously monitors multiple compounds on a real-time basis at ppm or ppb concentration levels.



Intrinsically Safe & Explosion-Proof Shelters

- Stock & Custom Sizes
- Climate Controls
- Bulkheads & Other Access Points
- Electric Service (120 VAC to 480 3-Phase)
- Aluminum or Steel Construction
- Site Installation & Commissioning
- Calibration Gas Bottle Station (Exterior)

DILUTION EXTRACTIVE CEMS FLOW SCHEMATIC

