



Control Instruments[®] Corporation

Experts in Gas Detection and Solvent Vapor Monitoring Since 1969

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PrevEx® Flammability Analyzers

Model 650 FID

CalorVal BTU Analyzer

AcuPro® Infrared Analyzer

LFL monitoring in ovens, dryers & incinerators

- **Fast:** Less than 1-second response time
- **Real time:** Direct measure of flammability
- **Universal:** Gives consistent and reliable readings even when faced with multiple or changing solvent concentrations
- **Failsafe:** Designed to ensure perfect safety under all conditions
- **Heated:** Heated to prevent sample condensation and withstand corrosive elements

Emissions monitoring for total VOC's or carbon bed breakthrough in pollution equipment

- **Fast:** Near 1-second response time
- **Direct Mount:** Eliminates heat-traced sample lines
- **Heated:** Entire assembly heated up to 200°C to prevent sample condensation
- **Reliable:** Integrated air-aspirated sampling system does not require pumps
- **Industrial Design:** Rugged assembly suitable for continuous use in harsh environments

BTU monitoring of gaseous streams in industrial and waste gas applications

- **Real time:** Continuous & direct measure of calorific value, not batch sample
- **NEMA 4X:** Suitable for field mounting on freestanding rack, doesn't require analyzer shelter
- **Universal:** Highly uniform response to a wide variety of combustibles
- **Heated:** Onboard sampling system heated to 120° or 200°C to prevent condensation

Flammable gas monitoring in low temperature, low concentration applications

- **Accurate:** Multiple wavelengths detect a select range of solvents & gases without recalibration
- **Fast:** Less than 4-second response time
- **No Add-ons:** Accessories, moving parts, or mirrors are not necessary
- **Heated:** All sample-wetted parts are heated, including the detector assembly, the optical cell, & sample probe



Gas Sensors

Indoor & outdoor area monitoring of combustible and toxic substances

- Catalytic & electrochemical sensors used with SmartMax®II standalone controllers
- Reports the readings from up to 4 combustible, toxic or oxygen sensors
- Linear output signal & micro fuel cell technology
- Automatic zero and span calibration
- Remote access & adjustment features

Accessories

Accessories include:

- **Touch Screen Operator Interface:** View, access, & control multiple remote analyzers from a convenient, central location
- **Fuel Changeover System:** Wall mount dual-input, auto-changeover, gas control & pressure regulation system
- **Calibration Equipment:** Kit & cylinder for calibrating analyzers and sensors