



Guardian-OCS Oxygen Based Combustion Air Control System

The **Guardian-OCS** is a unique, cost effective combustion control system specifically designed for controlled air incinerators and crematories that monitors oxygen levels at the secondary chamber outlet and controls the secondary (throat) air on an as-need basis providing:

Reduced Fuel Consumption

Significant fuel savings are achieved by minimizing secondary burner demand to overcome excess air. **Minimum 10% reduced fuel usage, GUARANTEED.**

Environmental Security

Provides a dynamic mechanism for automatically increasing the maximum available volume of secondary air if combustion upsets occur causing smoking conditions.

Performance

True controlled air combustion enables systems to achieve maximum operational performance.

Flexibility

Works on virtually any existing or new system(s). A standard **Guardian-OCS** provides the capability to monitor and control up to 4 combustion systems for single or multiple unit facilities.

Cost Effective ROI

If your current system is using over \$1500.00/month in gas, the Guardian-OCS will provide over 25% ROI, **guaranteed.**



The Guardian-OCS system includes:

- 12" x 14" analyzer w/touch screen
- High temp. probe/head(s)
- Mounting flanges
- Valve actuator(s)
- up to 50' umbilical cable

Customer Satisfaction: "In my opinion every operation would retrofit if they knew the benefits...I think the 10% savings figure is way too conservative...20+% is the reality...FYI, we have found 4.5% O₂ to be the optimal setting for fuel savings and environmental reliability...Besides fuel savings, the automation of throat air level significantly reduces the risk of operator error in setting throat air too low causing visible emissions, which is the cause of 99% of visible emissions...Accordingly, it takes significantly less training time to get a new operator up to speed..." **John Flicker, Pet Memorial Services** (OCS on 4-650 lb/hr & 1-130 lb./hr. units)