

# EcoGuard POU Gas Abatement System

Applied Technology Specialists, Inc.  
Tulsa, Oklahoma  
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Available in three sizes to fit most all applications

Models for either Hydrogen or Natural Gas fuel

Up to four process tool inlets

Multiple types of function modules

Each inlet equipped with its own function module for the most efficient abatement

Fuel-on-Demand capable for optimum fuel consumption



EcoGuard Point-Of-Use Gas Abatement System

Touch screen operator interface

Flashback controller built into the PLC controller code

Easy networking to new or existing facility monitoring systems

Modular design for fast and efficient configuration to customer needs

Simple, reliable, and rugged design



Two Input Configuration



Function Module

## **EcoGuard P-O-U Abatement Systems**

Model Designation, X= 1,2,3, or 4 Inputs

### **Model 30X**

Spent Process Gas Capacity per input: 50 LPM

Fuel per Input

Standby: ~400 ML/min

Active: ~2.5 LPM

Air Requirements: 50 - 200 CFM

Weight Approx. 80 lb.

### **Model 40X**

Spent Process Gas Capacity per input: 100 LPM

Fuel per Input

Standby: ~400 ML/min

Active: ~5 LPM

Air Requirements: ~100 - 400 CFM

Weight Approx. 80 lb.

### **Model 60X**

Atmospheric Epi Exhaust Capacity: 650 LPM

Fuel: ~1.5 LPM

Air Requirements: 500 - 2000 CFM

Weight Approx. 300 lb.