

## FT Auto Single Burner System Z1915C Analyzer, PLC and Operator Interface

### Description

The Aerogen 'single burner flame treating station' is specifically designed for Automotive plastic applications. The mixture generator unit comes complete with compressed air regulator, gas/air mixer, safety valves, flow meters and regulators, all pre-assembled, piped and wired. The control electronics, including: a flame plasma analyzer, flame safety relay, PLC and operator panel, together with related switches, are all enclosed in a joining enclosure.



### Features

Z1915C Oxygen Analyzer

PLC Controller and Operator Interface  
(typically: *Siemens, Allen Bradley, Mitsubishi*)

Data Logging Capability to Printer or  
Computer System

### Options

Digital Read Out Mass Flow Meters

PLC Type and Wiring Specifications.

Working Burner Lengths and Flame  
Configurations (to suit a product's particular  
needs).

The system is designed as a stand-alone unit. It contains its own PLC and operator interface FSD, showing all the relevant controls, process information and alarms, offering the highest level of specification, quality and performance.

The AT530 burner is included. Specifically designed to be lightweight thus allowing for use in conjunctions with robots, the AT530 burner has a unique flame pattern to cover the varying contours of automotive components such as bumpers and dashboards. Also integral to the system is the Aerogen oxygen analyzer, which allows for contact fine tuning of the air / gas ratio.