DUAL BURNER CONTROL

An innovative approach to burner management, allowing you to operate 2 pilots and 2 burners independently with one unique controller.

QUALITY STANDARD

The **ARControl** system is proudly manufactured in the USA at our Wheat Ridge, CO facility. Our staff of experienced engineers oversees the design, manufacturing and testing of each product, giving **ARControl** unrivaled oversight.

STARTUP AND SERVICE

Technical Support
Installation and Setup
Maintenance Application
Support Hardware Support
Guaranteed Warranty

ARCONTROL™ DUAL
more than just...
A DUAL PILOT AND DUAL BURNER CONTROLLER

- Dual process control with independent pilots and burners
- 3 Shutdowns per process
- 3 Global shutdowns
- High-energy ignition output
- Easily navigable user interface
- User configurable settings
- Flexible transducer input: (millivolt, 4-20mA, ratiometric, 1-5V)
- 3 Thermocouple inputs
- 2 Digital inputs
- Permissive input
- Independent pilot status outputs
- Alarm output
- Modbus RTU over RS-485
- Periodic and event data logging
- Integrated solar charging
- 12 or 24 VDC
- -40°C to +60°C (-40°F to +140°F)
- Nema 4x Enclosure
- Class I Division 2

ARControl Dual provides automatic electronic ignition and process control to two independent pilots and burners on fired equipment or enclosed combustors.

Utilizing high-energy ignition alongside flame rectification flame sensing, **ARControl Dual** is sure to safely ignite and maintain both pilot flames.

Alarm and pilot status outputs, Modbus communication, and data logging ensure that the status of equipment is easily and always known.

Ultra-low power operation allows up to 5 days of sunless runtime with the optional standard solar power pack.

Made in USA.

TAKE CONTROL

Unleash the potential within...

...with just a firmware upgrade

WHY ARControl?

ARControl is the most innovative Burner Management System on the market.

Fully scalable, this controller adapts to your well site needs. At its most basic configuration, the **ARControl** can monitor and ignite a pilot flame on separators, treaters, burners, combustors or flares for added site safety. If the pilot goes out for any reason, the system can notify the customer through Modbus or alarm. On the other end of the scale, the **ARControl** can also be combined with control valves, pressure sensors and thermocouples for a complete burner management solution. The **ARControl** system also has the unique ability to monitor and control 2 burner systems from a single control box, reducing costs.

Key Features

- One unique control box model, at a low entry price
- Increase controller capabilities through firmware upgrades, no need to purchase a new model
- Fully automated direct spark ignition with flame sensing capability
- On-board data logging capability
- Customer PLC compatibility through Modbus RS-485/SCADA communications
- Control of both the pilot and main burner valve
- 12 / 24 VDC compatible multi-burner applications (one box can control up to 2 burners)
- Class I Div 1 & Class I Div 2 approved configurations available

ARCONTROL™ *Unleash the potential within!*	Firmware Type			
	BASE	**FLARE**	**BMS**	**DUAL**
Auto-Ignition	☑	☑	☑	☑
Advanced Datalogging	☑	☑	☑	☑
Modbus RTU over RS-485	☑	☑	☑	☑
Temperature Monitoring	☑	☑	☑	☑
Multiple Process Control	✖	✖	☑	☑
Temperature, Pressure & Level Control	✖	✖	☑	☑
High Temperature Shutdown	✖	✖	☑	☑
Two pilots control capability	✖	☑	✖	☑
Two Burners control capability	✖	✖	✖	☑
Types of Equipment	🔥	🔥	🔥 ♨	🔥 ♨

☑	✖	🔥	♨
Standard	Not available	Flares, Combustors, Incinerators	Heated Equipment