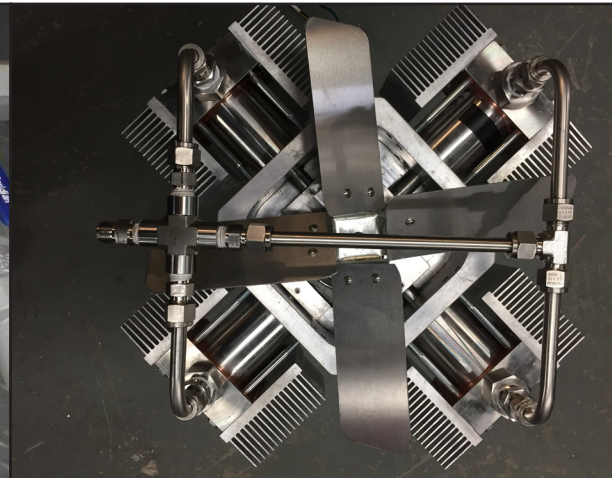
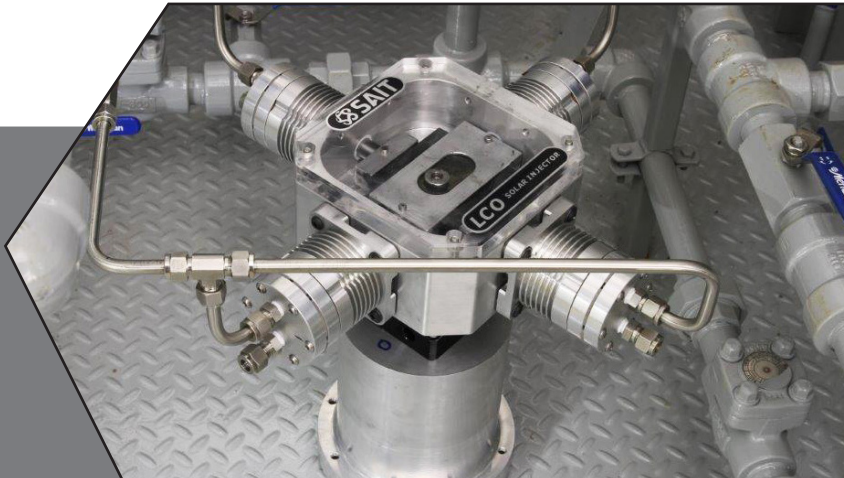




Emerson Impact Partner

LCO Technologies

Clean Air & Chemical Management Solution



CROSSFIRE Chemical Injection Pump

Max Volume: 720L/day

Max Pressure: 10,000psi (*applications >6000psi require special parts*)

Powerful chemical injection and control with zero methane emissions

Replace up to four pneumatic pumps, with full pressure to all four heads.

Enjoy a wide and easy control range, from up/down switches to complete Modbus automation, controlled with your smartphone.



Ultra-low power means:

- Inject 20L/day into a 500psi line and draw only 275mA.
- Avoid constant recharging. With two 12V car batteries, the CROSSFIRE will continually inject for three weeks without needing to be recharged.
- Rely on extreme efficiency for either grid power or a small solar array.
- Stay within your budget and meet delivery expectations every time.
- Maintain easily with standard parts.

True proportionate chemical injection means:

- Say goodbye to batch injections or timer relays.
- Avoid over/under injection and the high costs related to wasted chemical.
- Get better results from your chemicals through continuous steady injection.
- Inject exactly what you need and nothing more or less through automatic speed adjustment.

Non-proprietary fluid end means:

- We use standard 5100 series fluid ends.
- Your operators will likely be familiar with how to maintain the pump.
- This product is completely field serviceable. Your operators likely already have any needed spare parts available.
- Multiple packing options for different fluid properties



CROSSFIRE Instrument Air Compressor

The CROSSFIRE offers a common platform as a chemical injection pump or instrument air compressor. Instrumentation can last much longer when powered by compressed air, at 1/3 the cost of electronic instruments. Instrument air compressors are ideal for remote well pad pneumatic control panel purge and pressurization systems. The CROSSFIRE produces up to 1,000scfd at 35psi to power all low-bleed instrumentation.

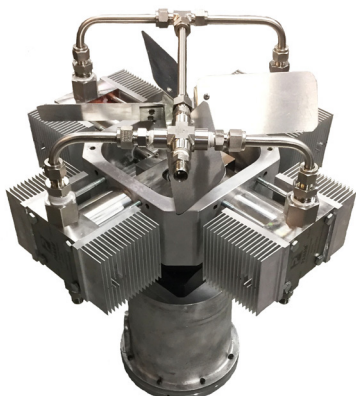
- Choose the best Class I Div I instrument air compressor on the market at the lowest price.
- Keep all existing low-bleed pneumatic instrumentation, but use clean, dry, air instead of saturated sales gas.
- Drastically reduce maintenance on instruments — no plugging or cleaning instruments from dirty gas.
- Stop wasting sales gas.
- Eliminate vented methane from pneumatic instrumentation.
- Complete solution includes pressure transmitter, controller, valve tank, air filters, and regulator.



CROSSFIRE Smart Controller

The CROSSFIRE Class I Div II Smart Controller features:

- High-performance 32-bit processor
- Compact, light-weight design
- DIN rail mountability
- Simple to use interface that is intuitive for operators to control with a serial cable or with their smartphones from their trucks via bluetooth
- Variable speed and programmable logic control
- Modbus communication for remote monitoring and control via SCADA
- Time stamped status and non-volatile memory for saving event logs , perfect for carbon reduction programs
- Extremely durable controller with critical protection schemes built-in



**The CROSSFIRE Platform is a complete
Ultra-low Power environmental solution for methane
emissions reduction.**