



**IMPROVED SMART
CONTROL TO INCLUDE
BOTH AIR AND GAS
ASSISTED FLARES**

- **Destruction & removal efficiency (DRE) 99%+**
- **Proprietary algorithm using real time flow rates**
- **Adjusts the air flow to ensure optimum combustion**

ARE YOU GETTING THE MOST OUT OF YOUR FLARE?

With DRE-Max™ you can trust that you are meeting or exceeding your compliance needs. DRE-Max™ uses a proprietary algorithm that uses your preprogrammed gas BTU values, reads gas flow rates from one or two flow transmitters, and adjusts the air from a VFD controlled blower ensuring optimum combustion from your air assisted flare. With a VFD, a flow transmitter, and our DRE-Max™ your compliance problems are over.

KEY FEATURES

Near real time
stoichiometric calculations

Achieve $\geq 99\%$ DRE

Adjust VFD blower based on
flow and gas composition

Compute NH_4 in
real time

Ability to control gas assist volume based on DRE calculations

WHY DO YOU NEED DRE-MAX?

1. Avoid non-compliance: DRE-max is the answer for operators who have an air assisted flare with a VFD blower that is adjusted manually and may not be burning efficiently, especially if the inlet flow rate is changing over time: not enough air will increase risks of smoke, too much air will increase risks of incomplete combustion and methane venting, even in the presence of a flame. DRE-max ensures that the right amount of air flow is always automatically sent to ensure the highest destruction efficiency and stay in compliance.

2. Decrease the total amount of emissions by half:
Because DRE-Max was proven to achieve at least 99% DRE; it decreases flare emissions by at least 50% compared to regular 98% DRE flares. As a result, an air-assisted flare with DRE-Max can enable doubling the throughput of oil production in the case of routine flaring (in field test cases we have achieved 99.9% DRE)

CIMARRON LEGACY BRANDS:



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