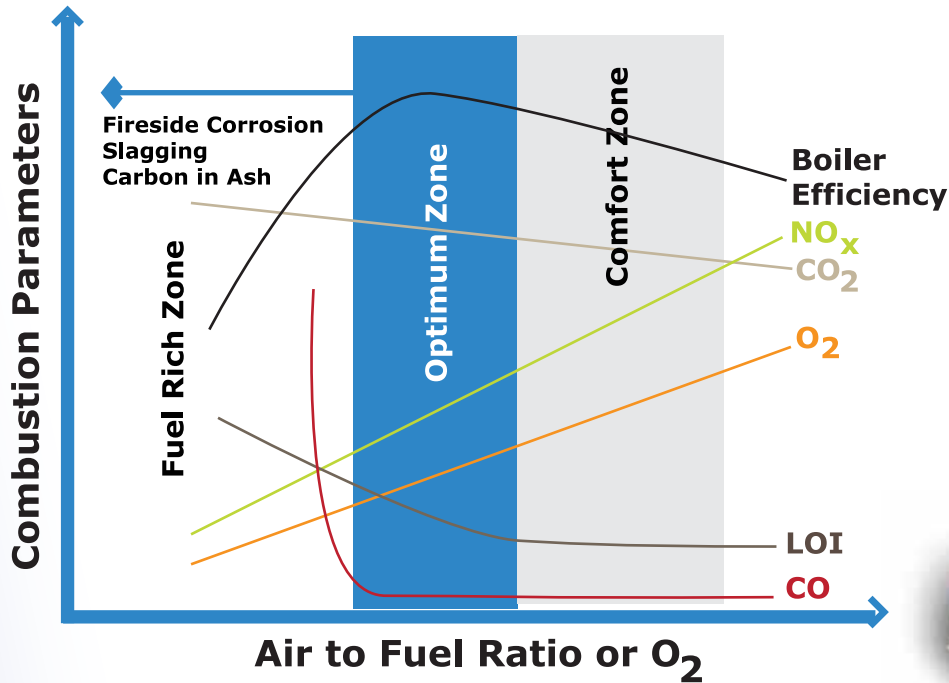


ACCURATE, RELIABLE CO MEASUREMENT TO IMPROVE YOUR COMBUSTION



- ▶ REDUCE NO_x EMISSIONS
- ▶ IMPROVE EFFICIENCY
- ▶ DECREASE SLAGGING
- ▶ IMPROVE O₂ CONTROL
- ▶ DECREASE WATERWALL CORROSION
- ▶ DECREASE LOI



- ▶ EASY INSTALLATION - ANY PROBE LENGTH AND FLANGE SIZE TO FIT YOUR DUCT

- ▶ PATENTED PROBE HEAD AND AUTOMATIC PURGE KEEP ASH OUT

- ▶ MULTIPLE LEVELS OF MOISTURE AND WATER VAPOR SEPARATION ENSURES ACCURACY AND RELIABILITY

- ▶ AUTOMATICALLY ZEROES THE NONDISPERSIVE INFRARED ANALYZER TO ELIMINATE DRIFT AND IMPROVE ACCURACY





DELTA

Measurement & Combustion Controls

DMCC-CO – Continuous Monitor Pre-Combustion Generated CO

Electronics Specification

- **Inputs:** Dedicated Single Zone
- **Output Signal:** Dedicated 4–20mA DC analog output and a SPDT, 5 Amp, 240 VAC rated system fault relay
- **Detector Type:** Single Pass, Non-dispersive Infrared
- **Measuring Range:** 0 to 20,000ppm
- **Sensitivity:** 1ppm
- **Accuracy:** ± 10 ppm (readings ≤ 100 ppm); $\pm 5\%$ (100 ppm $<$ readings $\leq 20,000$ ppm)
: (System Field Calibrated to 2% at 1,000ppm CO)
- **Data Logger:** 200 data points stored in non-volatile memory
- **Communications(optional):** RS485, Modbus
- **Calibration:** Automatic/Every 6 minutes
- **Back Purge:** Fully Automatic(sample line and probe)
- **Sample Conditioning:** Integral for moisture and particulate
- **Power:** 120/230 VAC, 50/60 Hz
- **Dimensions:** 28" x 22" x 9" (For 1 & 2 Zone)
: 36" x 28" x 11" (For 3 & 4 Zone)

Optional Diagnostic O₂ Measurement

- **Dry Extractive O₂ Measurement utilizing in-line Zirconium Oxide sensor**
- **Accuracy:** 0.25% of FS

Sampling Probe Specification

- **Material of Construction:** 316SS
- **Dimensions:** application dependent
- **Process Connection:** ANSI 150#, RF Flange
- **Particulate Filter:** Sintered hastelloy, integral to probe
- **Patented** (patent no. 12/390025) **Particle Separation System**

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