

Professional-grade instruments for field service

Model AOX2

Combustion Check
Accessory Head with Hi-Temp
Thermocouple and Pump

AOX2 Specifications

Function	Range	Accuracy / Resolution
%CO ₂	0 to 25%	±0.3% / 0.1%
%O ₂	0 to 25%	±0.3% / 0.1%
Temperature	-58°F to 1000°F	±0.6%+3°F* / 0.1°

* System accuracy
(Accessory head + k-type thermocouple + meter after system field calibration)

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AOX2
Combustion Check



AOX2 Combustion Head

- Measure Products of Combustion Measures %O₂ (oxygen) and flue gas temperature then calculates %CO₂ (carbon dioxide).
- Gas and Oil Fuel Types Just flip the switch to change between gas and oil fuel combustion.
- Temperature Advantages Select between °F and °C temperature scales. Calibrate thermocouple by adjusting pot.
- Connects to Fieldpiece Meters Just snap the accessory head onto meter or use deluxe silicone leads for remote connection.
- Auto Off Auto off can be disabled for data logging. Use with the DL2 Data Logger to log %O₂, %CO₂, or flue gas temperature.

Combustion analysis?

With fuel prices being at an all time high, it is important that combustion be as efficient as possible. The AOX2 accessory head allows you to check the flue temperature as well as the %O₂ and calculated %CO₂ of combustion products. Many gas and oil fired boilers and furnaces have recommended flue temperatures and levels for the %O₂ and %CO₂ that should be present in the flue (as well as CO ppm and NOx ppm).

The AOX2 is designed to allow you to check if the equipment is within the design criteria quickly and inexpensively. The AOX2 also gives you the basic measurements for more sophisticated combustion analysis if so desired.

Other Fieldpiece accessory heads

Fieldpiece accessory heads all work in the same basic way so it's easy to expand your toolkit when you're ready to.

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Flue Gas
Measurement
O₂ CO₂ Temp

Pump and Filters
Use the hand pump to draw in the flue gas. Water trap with filter keeps the sensor clean and free of moisture. Includes extra filters.

Hi-Temp Thermocouple
Clip the k-type thermocouple onto the pump's shoot to measure flue gas temperature.



Combustion Head
AOX2

Pump with water trap
AOXP2

High temperature
K-type thermocouple
ATBF1

Extra O-ring, filters, and C-clips
RAOX9



Fieldpiece accessory heads measure contact temperature (dual), IR temperature, RH%, wet bulb, dew point, dry bulb, air velocity, CO, milliohms, true RMS, high voltage, vacuum (vacuum gauge), gas and static pressure (manometer), pressure, superheat, and subcooling.



EHD11 Electronic
Handle not included



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