

Professional-grade instruments for field service

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)

AOX2
Combustion Check
Accessory Head
with Thermocouple
and Pump



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.



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.

Model AOX2
Combustion Check
Accessory Head with
Hi-Temp Thermocouple and Pump

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.



EHD11 Electronic
Handle not included

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