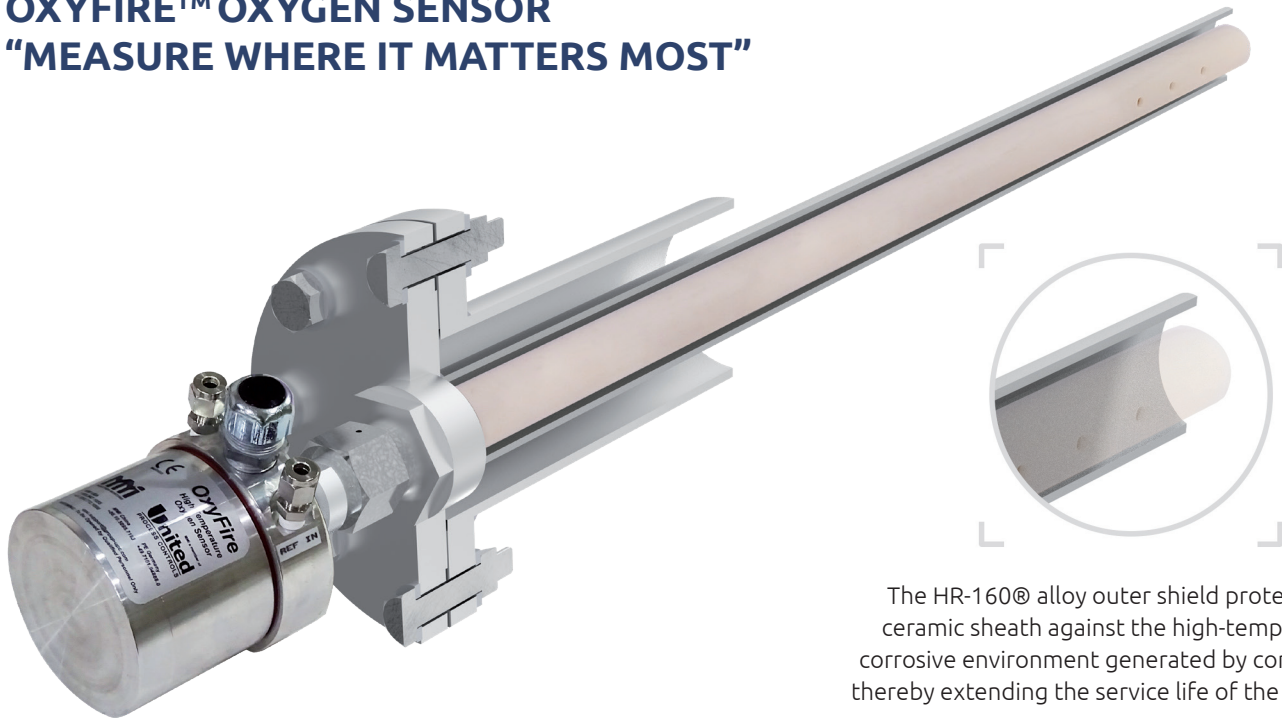


OXYFIRE™ OXYGEN SENSOR “MEASURE WHERE IT MATTERS MOST”



The HR-160® alloy outer shield protects the ceramic sheath against the high-temperature corrosive environment generated by combustion, thereby extending the service life of the OxyFire™.

COST-SAVINGS AND ECO-EFFICIENT

The OxyFire™ is a high-temperature in-situ oxygen sensor that meets combustion control requirements while eliminating maintenance issues typically associated with other sensors.

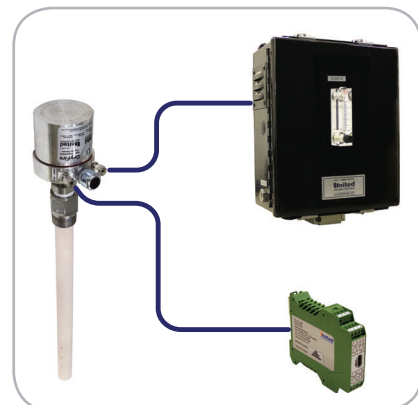
Designed to operate at temperatures of 550-1600°C (1050-3000°F), the OxyFire™ is placed directly in the gas stream exiting the combustion chamber for fast and precise, real time measurement and more accurate control of the combustion process. This accurate control yields a consistently high quality sulphur dioxide (SO₂) and sulphuric acid (H₂SO₄) final product while ensuring low emissions.

Thanks to its smart design and robust construction, OxyFire™ does not require sample pumps, heaters, filter systems, cells or regular calibration. This enables to keep maintenance costs and equipment downtime to a minimum.

OXYFIRE™ INTEGRATED SOLUTION

OxyFire™ can also be bundled as part of an integrated solution to deliver oxygen measurement and sensor/process temperature to your process control system.

The basic solution package consists of an OxyFire™ sensor, an Oxymit™ Transmitter, and a reference air assembly panel. This solution achieves lower fuel consumption, higher quality, and increased throughput for a faster return on investment.



ADD-ON MODULES FOR EXPANDED CAPABILITIES

Oxygen/Temperature
Transmitter



Excess Oxygen
Monitor/Control



Compressors &
Gas Mixers



Reference Air



Flow Meters
& Controllers



OXYMIT™ TRANSMITTER

The Oxymit™ transmitter provides a cost-effective solution for oxygen and temperature transmission (4-20 mA) to your DCS system.

REFERENCE AIR PANEL

The Reference Air Panel is ideal when plant instrument air supply is not readily available. The pre-wired and plumbed enclosure contains an atmospheric pump and a flow meter.

FLOW METERS & CONTROLLERS

The Waukee™ brand of flow meters and controllers optimize the air-to-fuel ratio for maximum combustion efficiency and minimal emissions.

OXYGEN MONITOR/CONTROL

The AE25™ controller provides full and accurate measurement and control of excess oxygen. It also provides simple 2-point (on/off) control, continuous PID control, or 3-point stepping control. The more advanced PROTHERM 470 controller can monitor, control, record, and archive combustion processes. Up to 4 oxygen sensors may be displayed and logged.

COMPRESSORS & GAS MIXERS

The Waukee™ Rotary Vane Compressors deliver gas from 200-8,000 cfh (5.6-226 cm/h) at pressures up to 3 psig (20.68 kPa) on standard models. The built-in automatic closed-circuit unloader ensures that unused gas is recirculated back to the compressor.

USA

+1 414 462 8200
sales.us@group-upc.com

CANADA

+1 514 335 7191
sales.ca@group-upc.com

CHINA

+86 21 3463 0376
sales@mmichina.cn

FRANCE

+33 3 81 48 37 37
sales.fr@group-upc.com

GERMANY

+49 7161 94888 0
sales.de@group-upc.com

POLAND

+48 32 296 66 00
sales.pl@group-upc.com