

Combustion Instruments & Analysers



Safety
Reliability
Optimised combustion

→ The reliability of your measurements
is our profession



FLAME DETECTORS AND IGNITORS

PACKSCAN FLAME DETECTORS

Making your combustion installations safe
Our detectors are adapted for all types of fuels
(gas, fuel oil, coal, acid gas, lean gas)

- Continuous monitoring of flame presence
- Designed with integrated electronics
- Self checking equipment
- Flame level reading displayed on the detector
- Configuration at a distance by IR remote control
- Certified EN298 (TUV,) ATEX and SIL2



PACKLIGHT IGNITORS

Reliable start up of your burners

- Monitors and indicates flame detection level
- Robust industrial design
- Self checking ionisation flame detector
- Certified EN298
- Exists in Diesel version

HIGH ENERGY POWERPACK IGNITORS

Ignition of high power industrial burners which fire on fuel gas, blast furnace gas or heavy oil.

- Up to 1 million maintenance-free sparks
- Usable up to 1000°C
- Numerous configurations available (tailor made length and diameter)
- From handheld portable model to fixed unit



COMBUSTION MONITORING AND EMISSION SURVEILLANCE

IN SITU OPACIMETER: OPASTOP® GP2001H

Dust emission surveillance at the stack / Bag filter monitoring

- Continuous surveillance
- Optical measuring by reflection
- Single sensor for simplified installation
- Quick response time to variations in dust concentration
- Insensitive to variations in flow rate
- Flue gas temperatures up to 450°C (800°C on request).
- Certified QAL1



OXATEX OXYGENMETER

In situ oxygen measuring by Zirconium probe

- Integrated electronic design
- Flue gas temperatures up to 800°C
- Configuration at a distance by IR remote control
- ATEX version available, QAL1 (TUV in progress)

FLAMCHECK PORTABLE GAS ANALYSER

(O₂/CO/NO/optional: SO₂)

Combustion optimisation

- Robust industrial design
- High reliability of measurements
- Automatic protection of measuring cells
- Integrated printer
- Data display on large screen
- Combustion efficiency calculation





AMBIENT DUST SURVEILLANCE

MEASURING DUST CONCENTRATION

OPASTOP® GP3000T

Surveillance of dust concentration in ambient air for coal storage, food industry silos and areas where a dangerous dusty atmosphere could happen.

- For people's safety
- Environmental protection
- Instant detection and warning of leaks
- Used in risk analysis and ATEX zone classification



CALIBRATION



CALIBRATION GAS CYLINDERS (Non returnable)

SPANCAN

Reliable and practical calibration of your gas detection equipment.

For single cylinder or calibration kits, we can propose a complete range of mixes

- Volume : 1,55 l
- Cylinder pressure : 1000 psig
- Matière : aluminium
- Gas volume : 110 l
- Weight : 1,05 Kg

Contact : analyse@fives-pillard.com