



CO



M1060
Compact CO Gas Analyser

M1060 Compact CO Stack Gas Analyser

The Opsis compact CO analyser is a well-proven gas filter correlation, infrared analyser integrated with a dilution, extractive probe. This combination forms a cost-effective CO monitoring solution. The analyser is a complete, fully integrated monitoring system, configured and tested according to the requirements for each application. The user-friendly analyser is easily installed. The requirements for start-up are compressed air.

Features

The M1060 series analyser includes the following parts as standard:

- Analyser box
- Sample line, 5 metres
- Dilution probe incl. pump

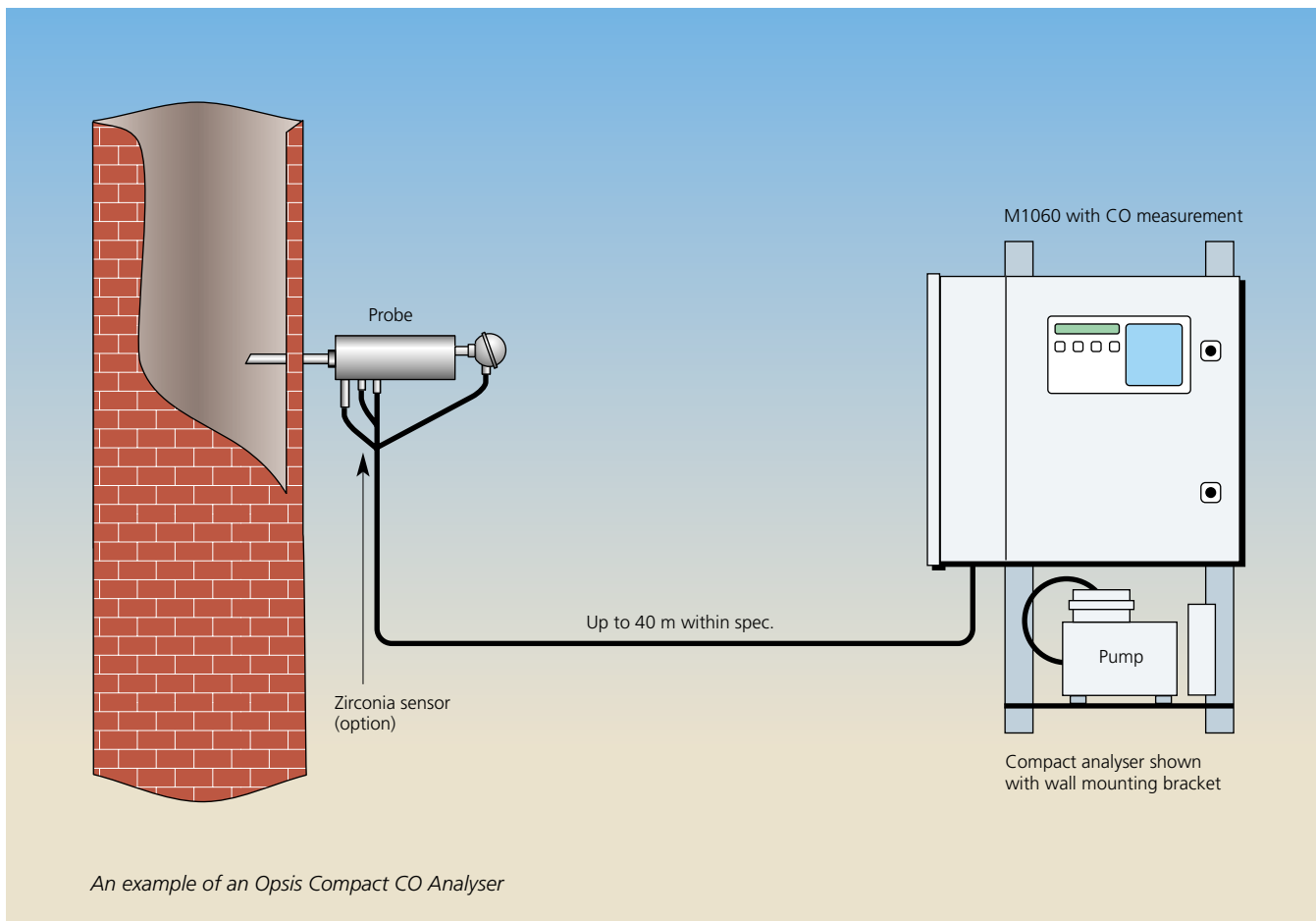
The probe provides the dilution of the sample gas by use of two temperature controlled critical orifices. A low maintenance pump is used to produce vacuum.

Options

The M1060 analyser is a gas filter correlation infrared analyser which, in the basic configuration, measures CO. The following options are available:

- OM10 Oxygen sensor, included in the dilution probe or separate Oxygen probe 502
- Stack Unit for cable lengths of more than 10 m
- M1040 for NO_x and/or M1050 for SO₂ monitoring integration
- Automatic calibration set
- Longer sample line
- Heated sample line
- 115 V_{AC} operation
- Modem connection





Applications

The OpSis Compact CO Analyser may be used in many different kinds of applications. It is especially designed for operation in continuous emissions monitoring applications and for process control.

For further details regarding references for this product, please contact your local representative.

M1060 Analyser Specifications (standard setup)

Range	User selectable 1 ppm to 1000 ppm
Measurement Units	ppm, $\mu\text{g}/\text{m}^3$, mg/m^3 , selectable
Zero Noise	0.75 ppm (rms)
Span Noise	0.5% of reading (rms) (above 5 ppm)
LDL	1.5 ppm (rms)
Zero Drift	<3 ppm/24 hrs
Span Drift	<1%/7 days
Lag Time	<10 s.
Rise Time (95%)	<60 s.
Fall Time (95%)	<60 s.
Linearity	1% full scale
Precision	0.5% reading
Sample Flow Rate	800 cc/min., $\pm 10\%$
Temperature Range	+5°C to +40°C

Probe Specifications

Max. stack gas temperature	STD 600°C / HT 1800°C
Probe length	Up to 1000 mm
Probe material	STD AISI 316
Probe heater	300 W 230 V _{AC} or 300 W 115 V _{AC}

Specifications subject to change without notice

Why Opsis Compact CO Gas Analysers?

- Cost-effective monitoring of CO and O₂
- Complete system package for easy installation and start-up
- Can be integrated to measure NO_x and SO₂
- Automatic zero and span gas calibration (option)
- Self-diagnostics with relay alarm output
- Bi-directional RS 232 communication
- Isolated current outputs
- O₂ monitoring (option)
- Easily integrated with Opsis Software

