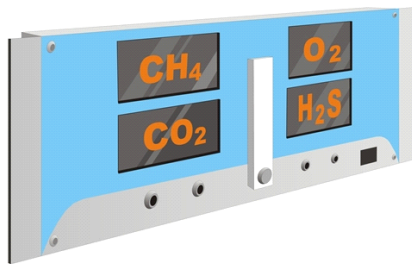




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Biogas analysis panel



Biogas analysis is an extremely useful process control and helps optimize digester operation and maximize methane production. Moreover, during plant start-up stages it can be used to verify the attainment of expected performances.

CONVECO supplies include portable instruments and automatic continuous sampling and analysis panels calculating percentages of methane (CH₄), oxygen (O₂), carbon dioxide (CO₂), hydrogen sulphide (H₂S) in the biogas.

Data can be stored or transferred to a remote PC or a SCADA system.

Features:

- Wall-mounted cabinet IP 54
- CH₄ analyser 0% ...100% vol.
- CO₂ Analyser 0% ...100% vol.
- O₂ Analyser 0% ...25% vol.
- H₂S Analyser
- Internal gas leak detection element
- Peristaltic sampling pump
- 4-channel display
- 4-20 mA output
- 4 clean contacts for alarm threshold setting (one for each analyser)
- 1 cumulative alarm (pump block, fan and explosion sensor)
- Max inlet pressure 200 mbar