

## COMBIMASS®

### Biogas Flow Measurement System

Features:

- mixed gas calibration at CAMASS® calibration centre with manual correction for actual concentrations on site
- automatic correction when used in combination with supported gas analysis systems
- one standard flow velocity or mass flow calibration (0,25 to 25 m/s) optimised for all digester, biogas and landfill gas applications
- flow conditioning
- hot tapping unit
- direct mass flow measurement, irrespective of pressure and temperature
- easy installation
- minimal pressure loss
- corrosion-resistant sensors, insensitive to dirt

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### Biogas Analysis System

Features:

- infra-red analysis of CH<sub>4</sub> and CO<sub>2</sub> concentration
- long life electrochemical sensors for O<sub>2</sub> and H<sub>2</sub>S. Easy upgrade for 3 more gases using plug in sensors
- automatic correction of gas concentrations in combination with COMBIMASS® Biogas Flow Measurement Systems. Corrected display in Nm<sup>3</sup>/h and Nm/s
- ex-protection rating EEx(ib), ATEX
- upgradeable to a stationary automatic Biogas Analysis System for a complete Biogas Plant with five gas probe locations and integrated Flow Measurement
- hermetically sealed gas probe circuit with automatic cleaning and drying of the sample pipes
- automatic control of the accuracy, on site recalibration
- 12 channel, 1 month datalogger

