



DFM502 : 2 channel digital gas flow meter



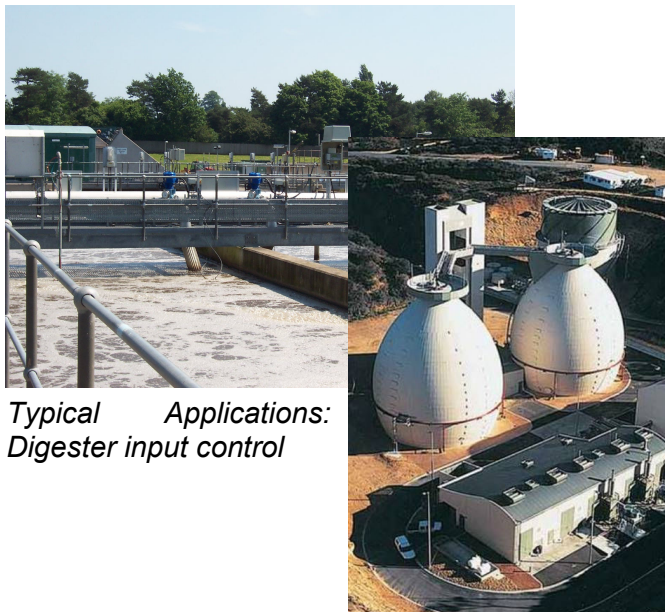
PGM100 :Single channel digital gas flow meter

Features:

- Consists of gas measuring base/enclosure with built-in display
- The DFM502 accommodates **2** individual gas streams, the PGM 100 just one stream
- Both systems allow the cumulative flow to be totalized, or can be connected to a computer for continuous gas flow recording.

Benefits:

- Replacement for most wet test meter applications
- Precise flow measurement from 1 to 4000 ml/hr for the DFM502 and 0 to 18000ml/hr for the PGM 100
- Data acquisition output
- No moving parts



*Typical Applications:
Digester input control*

Applications:

- Lab digester monitoring
- Denitrification studies

RespSys: DFM502 & PGM100 are dual & single channel digital flow meters designed to replace wet test meters and similar low-flow devices for measuring gas flow from small scale digesters or other gas production devices.



System Specification

DFM502:

Operational Principle: Gas production measurement using digital flow measurement techniques.

Equipment items:

- 2 or 1 channel flow measuring module
- Interface to computer

Data Format:

Cumulative gas flow in ml - digital display
Gas flow rate in ml/hr or mg/hr via computer
Real time charts and tables when used with PC

Minimum flow detection 0.6ml & 10 ml respectively

Maximum flow capacity 4000 ml/hr or 18000ml/hr

Operating Temperature: 5 to 70 degrees C

Electrical Requirements: 110 VAC, 60 hz; 240 VAC, 50 Hz

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