



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 accomodates **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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