BMD 100

DIDATEC TECHNOLOGIE

Flow measurement unit

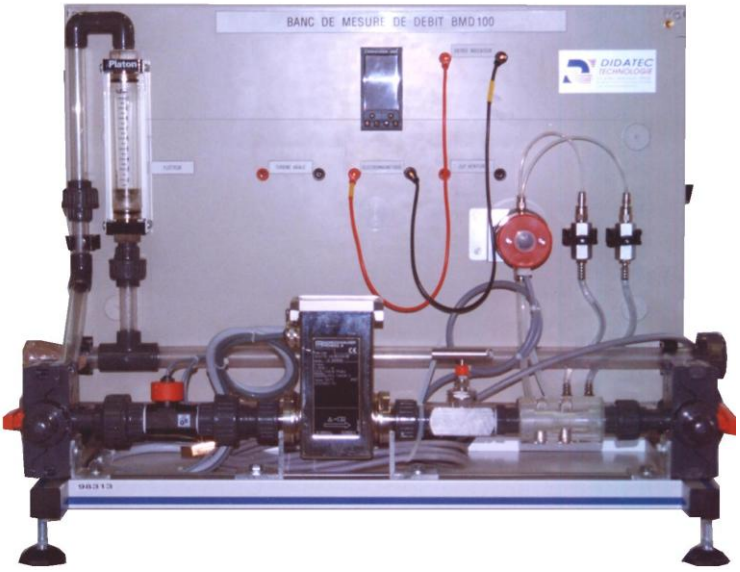
DESCRIPTION

- **The flow measurement unit comes complete with instrumentation and includes a technical and instruction manual.**
- **Designed and manufactured to industrial standards.**
- **This unit is designed for different levels and fields of study.**
- **Inputs and outputs can be connected with female connectors of 4 mm diameter.**
- **Options:**

  - Interface and software for P.C

  - Utility module

  The control and regulating modules can be connected in series or parallel.



SUGGESTED APPLICATIONS

Illustrations of different theoretical principles of flow measurement.

Manipulation methods

- Characteristic curves
- Comparison of sensors
- Adjusting the indicator
- Calibration of sensors against a reference.

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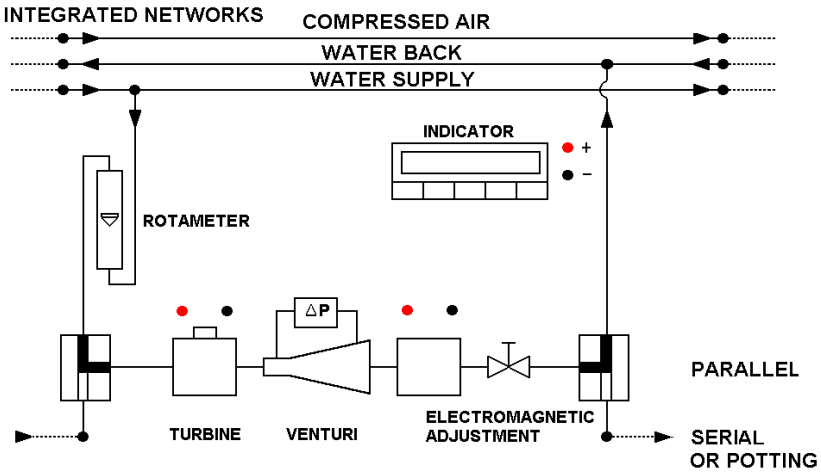

Flow meter with variable section
Linear scale 0-10 L/min. on 100 mm
Accuracy : ± 3% of the full scale
Direct reading - no analog outlet

Flow meter with axial turbine
Indicator outlet PNP 12-24 VDC - 1 KΩ
Scale : 0-15 L/min.

Accuracy : ± 0.5% of the full scale
Signal converter - outlet 4-20 mA

Flow meter with venturi effect
Pressure inlets above and below flow meter connected to differential pressure transmitter 0-20 mbar - outlet : 4-20 mA

Electromagnetic flow meter
Surface PFA, electrodes in stainless steel
Accuracy : ± 0.5% of the measured value
Signal converter : outlet 4-20 mA

Numeric indicator
Programmable with microprocessor
Degree of accuracy : 0.2
4 digit display

Multirevolution regulation valve

UTILITIES

Electricity : 230 V single phase - 50/60 Hz
Water : 10 L/min. - 3 bars

DIMENSIONS

Length	: 780 mm
Width	: 570 mm
Height	: 590 mm
Weight	: 40 kg