









CUBIC	BOXER	EQUAFLUX	MB	IM	TR
					
mini double diaphragm pumps	air-operated double diaphragm pumps	automatic pulsation dampener	horizontal centrifugal pumps	vertical centrifugal pumps	drum transfer pumps

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2009
catalogue
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DEMEM presents its **RANGE** of **FLOWMETERS** series **AM** with **MAGNETIC GEAR** and **ELECTRONIC DISPLAY**

TECHNICAL DATA

CONNECTIONS:

from 1/8" to 3"

VISCOSITY:

up to 1.000.000 cps

PRECISION:

+/- 0,5%

REPEATABILITY:

0,03%

CONSTRUCTION MATERIALS

AISI316 - ALU - PPS



The AM series **FLOWMETERS** with oval gearwheels allow to perform **precise and highly repeatable measurements**, even with very viscous liquids, with up to 1,000,000 cps.

The ease of use and **compactness** of these products, together with the possibility of installing and **independent battery power supply**, make them **suitable to be fixed on fixed installations** as well as transfer and distribution lines for fluids, both for mobile applications such as accessories for **distribution valves and guns** and for **any other industrial application for the control of the delivered fluid**.

Two oval gearwheels are located inside the measuring body and, when **pushed by the flow**, they rotate in **opposite directions**; every gear contains **two magnets** which, coupled with an external sensor (reed type or hall effect sensor), transmit a pulsing signal. One of the sensors can be replaced by an analogue signal directly integrated in the electronic card.

The frequency of the impulses determines the instantaneous flow rate, as every cycle corresponds to a given flow volume.

