

❖ Positive Displacement Flow Meter

Rotary Positive Type Positive Displacement Flow Meters is an ideal choice for easy and very Accurate Flow Measurements.



Positive Displacements Floe Meter

+ Features

- Single Moving Part, Long Life Trouble Free Performance
- High accurate flow measurements
- Flow range from 0.5 LPM to 1500 LPM (90000 LPH)
- High Temperature & Pressure sustainability, Negligible Pressure Drop, Works On Gravity Flow
- Handles variety of viscosity from 0.5 to 1000cSt such as diesel, petrol, FO, HDO, Jet Fuel Etc.
- Pulse Transmitter suitable for local / Remount LED Totalizer, PLC, Retransmission.
- Online flow monitoring on computer through Ethernet / RS485/232 communication.
- Flame proof enclosure for hazardous explosive atmosphere
- High quality raw material & advanced design adhere to International Standards

+ Applications

- Flow Measurement System,
- Fuel Dispensing System,
- Fuel Consumption Monitoring System,
- Tanker Storage, Tank Loading & Unloading System,
- Batch Filling Systems in various industries like
- Automobile, Chemical, Petroleum, Mining, Offshore/Onshore etc.

Technical Specification

- Accuracy : $\pm 0.1 - 0.5 \%$, Repeatability : $\pm 0.1\%$
- Max. Operating Pressure : 15bar (Std.) up to 100Bar (Opt)
- Max. Operating Temperature : 80°C (Std.) , up to 200°C (Opt)
- Liquid Viscosity : 0.5 -1000 cSt
- Filtration : 150 microns filtration for trouble free Performance
- End Connections : BSP / NPT Female Threaded or Flanged ASME B16.5
- Pressure drop : 0.02 – 0.1 Kg/cm²
- Sensor Power Supply : 110 – 230V AC, 12 – 24V DC
- Display : LCD with backlight , 2 line 12 digit.
- Power Supply : 110-230 V AC, 12-24 V DC

Product Range

Size	Model	Flow Range	Size	Model	Flow Range
1/4"	PDM06	05 LPM	1-1/2"	PDM40	150 LPM
1/2"	PDM15	20 LPM	2"	PDM50	300 LPM
3/4"	PDM20	40 LPM	2.5"	PDM65	500 LPM
1"	PDM25	70 LPM	3"	PDM80	1000 LPM
4"	PDMS100	2500LPM	4"	PDM100	1500LPM

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