

Xtreme Duty Flow Meter

Measures In-line Transfer of Thin to Thick Liquids
Excellent for Drum, Tote (IBC) and Tank Dispensing

Model No. DM-55DMD

Description:

Accurate measured dispensing of thin to thick fluids from a drum, tote or tank just got easier. The **Xtreme Duty Model DM-55DMD** variable viscosity oval geared digital meter provides precision fluid measurement. Calibrations are easily set and the output will display an ongoing flow rate or an accumulating total flow. Offered with an aluminum or stainless steel housing for indoor or outdoor use, it's a fine flow meter for general and extreme duty chemical applications for a wide range of liquid or chemical viscosities from thin to extreme thickness.

Materials of construction: 316 stainless steel or aluminum, Ryton (PPS), Viton or Teflon seals and ceramic/graphite.



Features & Benefits

- 1,000,000 centipoise capacity
- Wide 4 – 92.5 Gpm flow range
- Excellent chemical compatibility range
- Rugged construction
- Designed for indoor/outdoor use
- Large digital display
- Flow range: 4-92.5 GPM (2" Npt)
- Maximum batch total 999,999
- Battery life about 5,000 hrs
- Displays continuous flow rate
- Displays instantaneous flow totals
- Ability to field calibrate (standard)

Flow Meter Specifications (for 2" Npt Port)

Unit of measure	Gallons or Litres
End connections	½", ¾", 1.0", 2.0" F-Npt
Flow range	4 > 92.5 Gpm (15 > to 350 Lpm)
Maximum viscosity	1000 or 1,000,000 Centipoise
Typical accuracy	+/- 0.5%
Repeatability	+/-0.03%
Design type	Oval gear
Maximum pressure	800 Psig (55 bar)
Frequency Range:	1.7 – 39 Hertz
Batch & Cumulative readout	999,999 maximum
Strainer size	60 mesh
Max. Fluid temperature	+176°F (80°C)
Ambient temperature range	-14 > +140°F (-10>+60°C)
Shipping weight	10 to 20 lbs. (depends on model)
Dimensions	6.0" W x 3.0" H x 2.0" D
Sensor type	Reed switch



For best batch mixing Quality Control before pumping, ask for DRUM-MATES® TQMixing™ Guidelines. For explosion-proofing, use grounding kit No. DM-166GWK for all-metal air driven mixers or pump equipment. DRUM-MATES® Inc., Mixer & Pump Div., Tel: 1-800-621-3786 and 609-261-1033, Fax: 609-261-1034