

# มาตรวัดน้ำมัน ( M Series Positive Displacement Flowmeter )

ชุดมิเตอร์น้ำมัน ชนิดงานหนัก เหมาะสำหรับ งานภาคสนาม, ท่าเรือ, คลังน้ำมัน รถบรรทุก ฯลฯ

เป็นมิเตอร์น้ำมัน ที่ใช้ได้กับชนิดน้ำมัน ดีเซล และ เบนซิน มีความเที่ยงตรงสูง ทนทาน

## Oil Truck Meters มิเตอร์งานหนัก

### Advantages

- Excellent stepless adjusting mechanism allows a micro adjustment of the meter
- High accuracy and repeatability over the widest range of flow; Superior accuracy at constant flow
- Low maintenance, no metal-to-metal contact in measuring chamber, long life service
- Low pressure loss, a true gravity flow meter
- Accuracy regardless of pressure fluctuations, temperature variation, viscosity
- Choice of aluminum, cast iron and stainless steel materials of construction

### Industries

- Automotive; Adhesives; Agriculture; Asphalt ; Aviation fueling ; Animal feeds; Beverage; Cosmetics ; Chemical processing; Concrete Add mixtures; Dairy; Liquid fertilizers; Food processing ; Fuel oil delivery; General industrial; Hydrocarbon processing; Liquefied gases; Lube oils; Marine ; Paint and varnish ; Petroleum marketing ; Petroleum production ; Pharmaceutical; Printing ink; Pulp & paper; Refining commercial Solvents; Recycling ; Railroad ; Textile.

### Application

- Refined petroleum products;
- Aviation gasolines and jet fuels
- A wide variety of products such as: liquid sugars, corn syrup, corn sweeteners, dextrose, fructose, sucrose, maltose, lactose, corn oil, soy bean oil, cotton seed oil, coconut oil
- Treated waters (deionized, demineralized, and potable)
- Chlorinated solvents and general solvent metering
- Acid pH liquids
- Liquefied petroleum gas(LPG)
- Crude oil, also for heated and/or viscous liquids

- Oil or water based latex products, polyester resins, and adhesives (neutral pH), also for metering herbicides and nitrogen fertilizer solutions
- Herbicide
- Sodium hydroxide (caustic) solutions, high sulfur crude oil (LACT and NOD) and other alkaline pH liquids
- Abrasive liquids

### M-50-1 (2 นิ้ว) รหัสสินค้า SP\_ME2\_1



Meter c/w Mechanical Register, Air Eliminator and Strainer

Flange size 50mm (2"). Weld or Screwed

Flow range 380 - 550 lpm

Accuracy +/- 0.2%

Repeatability +/- 0.05%

### M-80-1 (3 นิ้ว) รหัสสินค้า SP\_ME2\_2



Meter c/w Mechanical Register, Air Eliminator and Strainer

Flange size 80mm (3"). Weld or Screwed

Flow range 750 - 1150 lpm

Accuracy +/- 0.2%

Repeatability +/- 0.05%

### Technical Specifications

Model	M-50-1	M-50H-1	M-80-1	M-80H-1
Size	50mm/2"	50mm/2"	80mm/3"	80mm/3"
Flow Range (L/min)	38-380	55-550	75-750	115-130
Volume Per Revolution	0.681L	0.681L	1.839L	1.839L
Max. Pressure	±0.2%	±0.2%	±0.2%	±0.2%
Accuracy	±0.2%	±0.2%	±0.2%	±0.2%
Repeatability	≤0.05%	≤0.05%	≤0.05%	≤0.05%
Standard Measurement	Liter/US Gallon/IMP Gallon	Liter/US Gallon/IMP Gallon	Liter/US Gallon/IMP Gallon	Liter/US Gallon/IMP Gallon

### Package Data

Model	M-50-1	M-80-1
Dimension	53x48x53mm	58x50x61mm
Net Weight	26kg	40kg
Gross Weight	38kg	55kg
Package	1pc/Wooden Case	1pc/Wooden Case