

M Series Positive Displacement Flow Meter



MAIDE MACHINE CO.,LTD

Excellent step less 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.

Construction



Application:

1. Refined petroleum products;
2. Aviation gasoline and jet fuels;
3. 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,.
4. Treated waters (deionized, demineralized, and potable);
5. Chlorinated solvents and general solvent metering;
6. Acid pH liquids;
7. Liquefied petroleum gas(LPG);
8. Crude oil, also for heated and/or viscous liquids;
9. Oil or water based latex products, polyester resins, and adhesives (neutral pH), also for metering herbicides and nitrogen fertilizer solutions;
10. Herbicide;
11. Sodium hydroxide (caustic) solutions, high sulfur crude oil (LACT and NOD) and other alkaline pH liquids
12. Abrasive liquids



Technical Specification

Model	M-40-1	M-50-1	M-50H-1	M-80-1	M-80H-1	M-100-1	M-100H-1	M-150-1	M-150H-1
Size	40mm / 1 $\frac{1}{2}$ "	50mm / 2 "		80mm / 3 "		100mm / 4 "		150mm / 6 "and 100mm / 4 " for option	
Flow Range (L/min)	25-250	38-380	55-550	75-750	115-1150	130-1300	170-1700	225-2250	300-3000
Volume Per Revolution	0.309L	0.681L		1.839L		5.102L		9.507L	
Max. Pressure	10Bar/150PSI								
Accuracy	±0.2%								
Repeatability	≤0.05%								
Standard Measurement	Liter / US Gallon /IMP Gallon								

Package Data

Model	M-40-1	M-50-1	M-80-1	M-100-1	M-150-1
Dimension	53×48×53cm	53×48×53cm	58×50×61cm	76×64×72cm	80×65×79cm
Net Weight	23kg	26kg	40kg	70kg	130kg
Gross weight	35kg	38kg	55kg	90kg	155kg
Package	1pc/Wooden Case				

Model Number Description

