

**M-50-PP-1**

Meter With  
Pulser



## M Series Positive Displacement Flow Meter

### Advantage

- 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

### Construction



### 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/ 1½"	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								

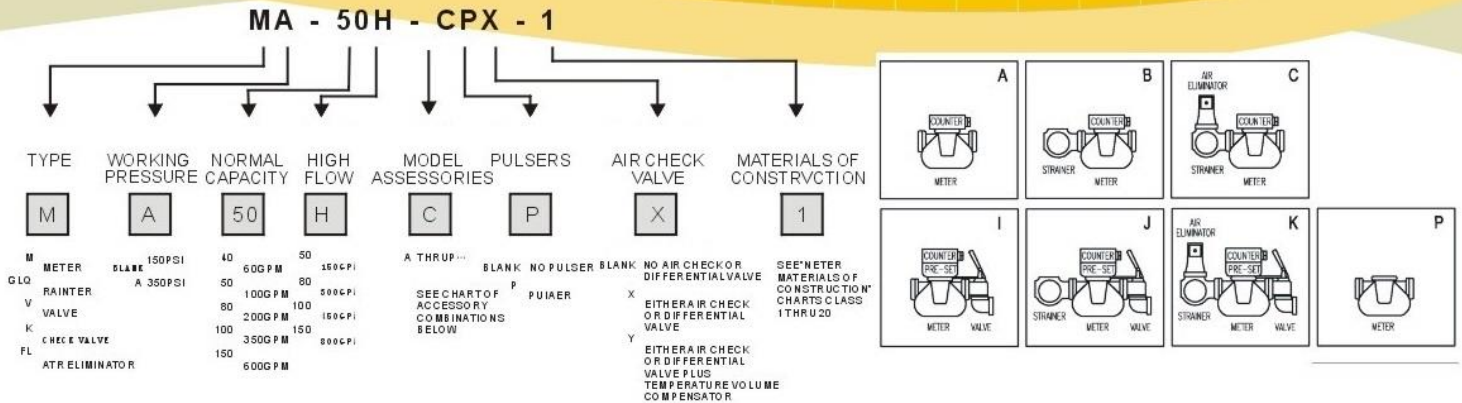
Remark: 4" or 6" available for option for M-150-1 6" meter

### Package Data

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

# M Series Positive Displacement Flow Meter

## Model Number Description



## 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 gasoline and jet fuels.  
A wide variety of products such as: liquid sugars, corn syrup, 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 and other alkaline PH liquids  
Abrasive liquids

