

M Series Positive Displacement Flow Meter



M-50-PP-1

Meter With
Pulser

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/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	$\pm 0.2\%$								
Repeatability	$\leq 0.05\%$								
Standard Measurement				Liter/ US Gallon/IMP Gallon					

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

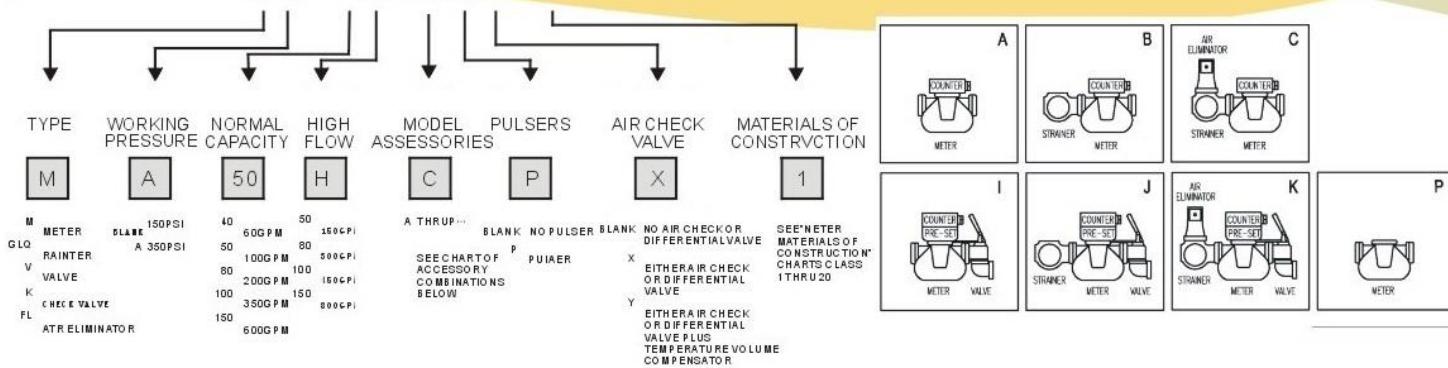
Package Data

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		

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Model Number Description

MA - 50H - CPX - 1



Industries

Automotive
Adhesives
Agriculture
Asphalt
Aviation fueling
Animal feeds
Beverage
Cosmetics
Chemical processing
Concrete admixtures
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

