



M 系列容积式工业流量计 Series Positive Displacement Flow Meter

特点特征 Advantage

- 卓越的无级微调装置（磨损补偿装置），可以对流量计进行正负校准
Excellent stepless adjusting mechanism allows a micro adjustment of the meter
- 大量程范围内的高精度和高重复性：恒定流量时超高精度
High accuracy and repeatability over the widest range of flow; superior accuracy at constant flow
- 低维护，低磨损，长寿命
Low maintenance, no metal-to-metal contact in measuring chamber, long life service
- 压力损失小，真正的重力流量计
Low pressure loss, a true gravity flow meter
- 计量精度不受温度、压力、粘稠度变化影响
Accuracy regardless of pressure fluctuations, temperature variation, viscosity
- 铝、铸铁、铸钢和不锈钢可供选择
Choice of aluminum, cast iron and stainless steel materials of construction

结构 Construction



M-50-PP-1
流量计带传感器
Meter With
Pulsar



技术参数 Technical Specification

型号 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
尺寸 Size	40mm/1 1/2"	50mm/2"		80mm/3"		100mm/4"		150mm/6" and 100mm/4" for option	
流量范围 Flow Range: (L/min)	25-250	38-380	55-550	75-750	115-1150	130-1300	170-1700	225-2250	300-3000
每转排量 Volume Per Revolution	0.309L	0.681L		1.839L		5.102L		9.507L	
最大工作压力 Max. Pressure	10Bar/150PSI								
精度 Accuracy	±0.2%								
重复度 Repeatability	≤0.05%								
计量单位 Standard Measurement	升/美加仑/英加仑 Liter/ US Gallon/IMP Gallon								

注: M-150-1 6" 流量计可以配 4" 或 6" 法兰
Remark: 4" or 6" available for option for M-150-1 6" meter

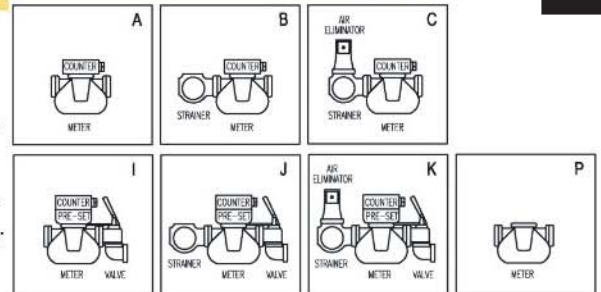
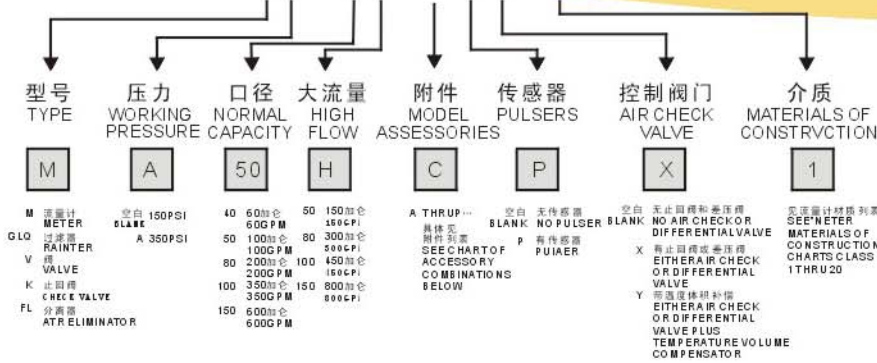
包装数据 Package Data

型号 Model	M-40-1	M-50-1	M-80-1	M-100-1	M-150-1
包装尺寸 Dimension	53×48×53 cm	53×48×53 cm	58×50×61 cm	76×64×72 cm	80×65×79 cm
净重 Net Weight	23kg	26kg	40kg	70kg	130kg
毛重 Gross Weight	35kg	38kg	55kg	90kg	155kg
包装 Package	1台/件(木箱) 1pc/Wooden Case				

M系列容积式工业流量计 M Series Positive Displacement Flow Meter

型号说明 Model Number Description

MA - 50H - CPX - 1



适用的工业领域 Industries

汽车 Automotive
 粘合剂 Adhesives
 农业 Agriculture
 沥青 Asphalt
 航空燃油 Aviation fueling
 动物饲料 Animal feeds
 饮料 Beverage
 化妆品 Cosmetics
 化工 Chemical processing
 混凝土 Concrete add mixtures
 奶制品 Dairy
 液态肥料 Liquid fertilizers
 食品 Food processing
 油料输送 Fuel oil delivery
 通用工业 General industrial
 碳氢化合物处理 (精炼) Hydrocarbon processing
 液化气 Liquefied gases
 润滑油 Lube oils
 海运 Marine
 油漆 Paint and varnish
 石油 Petroleum marketing
 石油产品 Petroleum production
 制药 Pharmaceutical
 印刷油墨 Printing ink
 造纸 Pulp & paper
 溶剂 Refining commercial solvents
 循环利用 Recycling
 铁路 Railroad
 纺织 Textile

应用范围 Application

精炼石油产品，无铅汽油、有铅汽油、柴油、煤油、燃油、
 乙二醇（防冻液）、丙烯；机油、轮转影印油墨
 Refined petroleum products

航空燃油、喷射式飞机燃油
 Aviation gasoline and jet fuels.

大范围的不同产品：液态糖、谷物浆液、葡萄糖、果糖、蔗糖、
 麦芽糖、乳糖、植物油、豆油、棉籽油、椰子油等等。
 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, .

水处理（去离子水、去矿物质水和饮用水）
 Treated waters (deionized, demineralized, and potable)

氯化性溶剂和一般的溶剂
 Chlorinated solvents and general solvent metering

酸性溶液
 Acid PH liquids

液化石油气
 Liquefied petroleum gas (LPG)

原油，也可以用于加热的和/或粘稠的液体
 Crude oil, also for heated and/or viscous liquids

乳化的油或水、聚酯树脂、粘合剂（中性），也可以用于除
 草剂、氮肥、化肥
 Oil or water based latex products, polyester resins, and
 adhesives (neutral PH), also for metering herbicides and
 nitrogen fertilizer solutions

除草剂
 Herbicide

氢氧化钠 (NaOH) 高含硫的油、其他碱性液体
 Sodium hydroxide (caustic) solutions, high sulfur crude oil
 and other alkaline PH liquids

中性的研磨液体
 Abrasive liquids

