



Approved GENE Bulk Flowmeters



Product Description

M&H Pump Services' GENE Series of rotary motion positive displacement (PD) flow meters offer ultimate measurement accuracy for transfer of petroleum products, Diesel, aviation fuels, LPG and a broad spectrum of industrial liquids.

This product is designed to measure the exact quantity of dispensed liquid for commercial use.

Our mechanical flow meters are reliable, economical, easy to install and calibrate on site. We strive to retain our reputation of supplying quality, accuracy and advanced design.

Features include:

- Compact, versatile design can be readily fit into nearly all installations
- Gravity flow functional thanks to reduced resistance to flow (low pressure loss)
- Sustained accuracy: no wear from metal-to-metal contact inside the measuring chamber means minimal deterioration in accuracy over time, fewer recalibrations, and longer service life
- Wide temperature range: metered accurately from -40° F (-40° C) to 160° F (71° C).
- Wide viscosity range
- Maximum adaptability: right angle design with choice of stock or custom elbows/fittings provides unequalled mounting flexibility to meet your installation requirements
- Excellent, stepless adjusting mechanism allows for micro adjustments of the meter
- Low maintenance, no metal-to-metal contact in the measuring chamber, long-life service
- Choice of aluminium, cast iron and stainless steel materials of construction

Technical Specifications

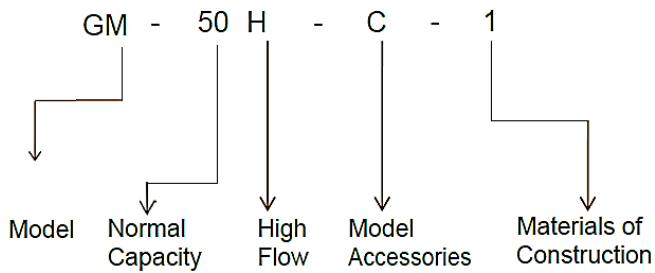
| Model | GM-40-1 | GM-50-1 | GM-50H-1 | GM-80-1 | GM-80H-1 | GM-100-1 | GM-100H-1 | GM-150-1 | GM-150H-1 |
|----------------------|------------------------------|------------|----------|------------|----------|-------------|-----------|--------------|-----------|
| Size | 40mm / 1.5" | 50mm / 2 " | | 80mm / 3 " | | 100mm / 4 " | | 150mm / 6 " | |
| Flow Range (L/Min) | 25-250 | 38-380 | 55-550 | 75-750 | 115-1150 | 130-1300 | 170-1700 | 225-2250 | 300-3000 |
| Volume /Rev. | 0.309L | 0.681L | | 1.839L | | 5.102L | | 9.507L | |
| Max. Pressure | 10Bar/150PSI | | | | | | | 25Bar/350PSI | |
| Accuracy | ±0.2% | | | | | | | | |
| Repeatability | ≤0.05% | | | | | | | | |
| Standard Measurement | Liter / US Gallon/IMP Gallon | | | | | | | | |
| Viscosity | 30SSU~1,500,000SSU | | | | | | | | |

Note: 4"&6" flanges available for M-150/6" Meter.

Packaging Data

| Model | GM-40-1 | GM-50-1 | GM-80-1 | GM-100-1 | GM-150-1 |
|--------------|--|------------|------------|------------|------------|
| Packaging | 1 pc/Wooden Case | | | | |
| Net Weight | 23Kgs | 26Kgs | 40Kgs | 70Kgs | 130Kgs |
| Gross Weight | 35Kgs | 38Kgs | 55Kgs | 90Kgs | 155Kgs |
| Size | 53×48×53cm | 53×48×53cm | 58×50×61cm | 76×64×72cm | 80×65×79cm |
| Note: | Weights indicated are for the meter only (aluminum body). Consult factory for weights of cast iron or Stainless steel body meters. | | | | |

Product Numbering System:



Accessory Configurations:

GM50 meter shown

GM-50-H-1-A

A = Meter with mechanical counter



GM-50-H-1-C

C = Meter with mechanical counter, strainer and air eliminator

