

BOMBAY INSTRUMENT MFG. CO.

AN ISO 9001:2015 CERTIFIED COMPANY

M Series Positive Displacement Flow Meter

Characteristics



M-50-1 Meter with Register
Strainer & Air Eliminator

- 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 / 1.5" | 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 | | | | | | | | |

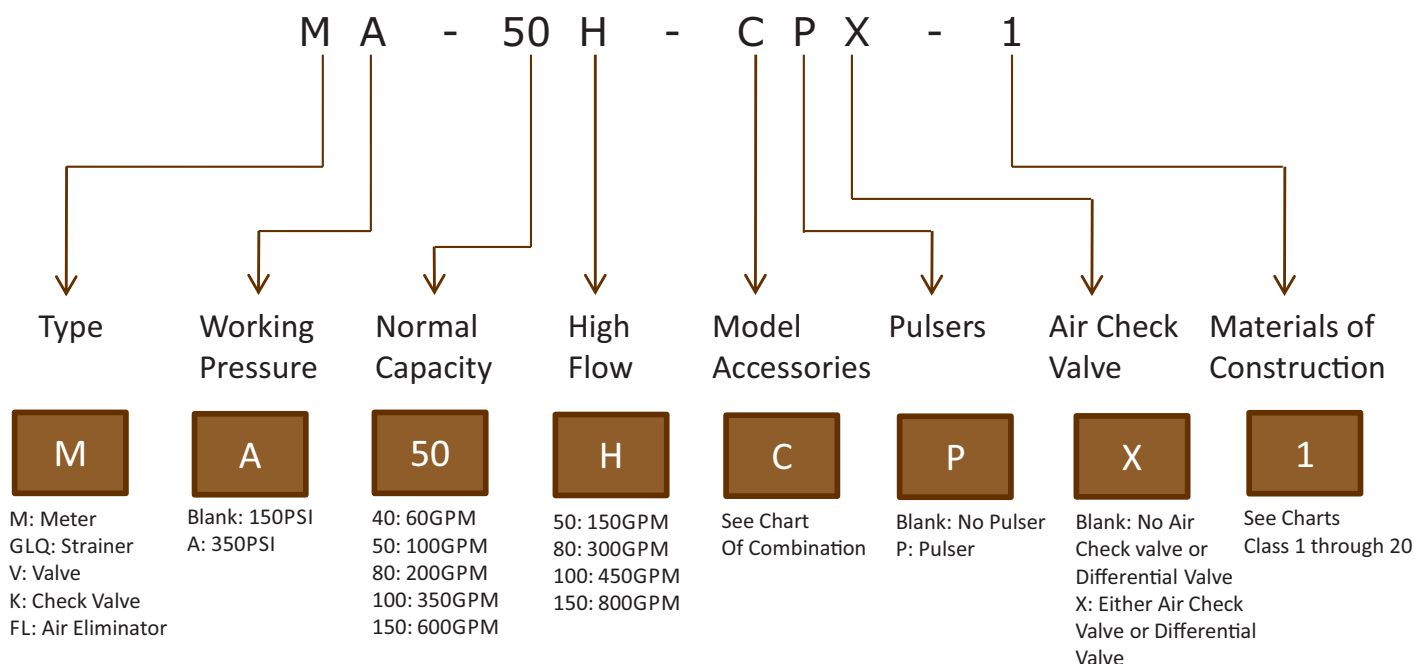
Note:4"&6" flange available for M-150/6" Meter.

Packaging Data

| Model | M-40-1 | M-50-1 | M-80-1 | M-100-1 | M-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 |

M Series Positive Displacement Flow Meter

Model No. 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 gasolines and jet fuels;
- 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;
- 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 (LACT and NOD) and other alkaline pH liquids;
- Abrasive liquids.

M Series Positive Displacement Flow Meter



M-80-1 Meter



M-80-1 Meter
with Counter



M-80-1 Meter with
Counter & Strainer



M-80-1 Meter with Counter,
Strainer & Air Eliminator



M-150-A-1 Meter with Counter



M-50-KX-1 Meter with Register Counter, Preset
Counter, Preset Valve, Strainer & Air Eliminator

M Series Positive Displacement Flow Meter



M-80-G-1 Meter with Counter, Strainer, Air Eliminator & Printer



M-50-NX-1 Meter with Preset Counter, Register Counter, Preset Valve, Strainer, Air Eliminator & Printer



M-80-KPX-1 Meter with Electronic Register, Strainer, Air Eliminator & Solenoid Valve



M-50-PP-1 Meter with Pulsar



MA-40-CX-10 LPG Dispenser Meter with Two Meters, Pulsers and Differential Valve, One Strainer & Air Eliminator



MA-50-CX-10 Meter with Register Counter, Differential Valve, Strainer & Air Eliminator

M Series Positive Displacement Flow Meter

FL Air Eliminator

Aluminum, cast iron, stainless steel available.



FL Air Eliminator



FL Air Eliminator with Plate

GLQ series Strainer

| Technical Specification | |
|-------------------------|----------|
| Model | Diameter |
| GLQ-50 | 50mm/2" |
| GLQ-80 | 80mm/3" |
| GLQ-100 | 100mm/4" |
| GLQ-150 | 150mm/6" |



GLQ-50 Strainer



GLQ-150 Strainer & Air Eliminator

Strainer Basket

The proper strainer basket to use depends on the different product and its viscosity over the expected range of metering temperature.

| Strainer Mesh | General Application |
|---------------|--------------------------------------|
| 200M | LPG only |
| 100M | Gasoline, Solvents, LPG |
| 80M | Gasoline, Solvents |
| 40M | Heating Oil, Diesel fuel, Light oils |
| 20M | Motor oils&other viscous products |



Strainer Basket

LPGX Series Filter & Air Eliminator

LPGX Series Filter and Air Eliminator integrates the function of filter and air Eliminator into one body. It not only can filter the solid impurity, but also can expel the gas out the liquid at one time. It can be used to match with many kinds of flow meters to improve the measuring accuracy.

Technical Data

Diameter: DN40-200

Nominal Pressure:1.6,2.5,4.0,6.4Mpa

Fluid Temperature: -30°C~+250°C

Press Loss:≤0.03Mpa

Note: bigger size can be manufactured as per requirement



LPGX Series Filter & Air Eliminator

M Series Positive Displacement Flow Meter

V & VS series Piston Valves



V-80 Piston Valve

V series Mechanically actuated piston valves are designed for mounting on the meter outlet to completely shutoff the liquid flow with easy operation under any pressure system. The valve can be operated manually or connected via a mechanical linkage to a preset counter on the meter for single stage closure or two-stage closure to eliminate hydraulic shock. The valve is indexable in 90° turn for up & down or side facing outlet. 2",3",4" available for option.

Technical Specification

| Model | Diameter | Used for Meter | Max. Flow Rate L/Min | Material |
|-------|-----------|-------------------|----------------------|----------|
| V-50 | 1.5" & 2" | M-40, M-50, M-50H | 550 | Aluminum |
| V-80 | 3" | M-80, M-80H | 1136 | |
| V-100 | 4" | M-100, M-100H | 2271 | |

K Series Air Activated Differential Check Valve

K Series Air Activated Differential Check Valves are installed at the outlet of the meter, which is designed to stop the flow of liquid whenever air is present to ensure accurate measurement.

Technical Specification

| Model | Diameter | Used for Meter | Max. Flow Rate L/Min | Material |
|-------|-----------|-------------------|----------------------|----------|
| K-50 | 1.5" & 2" | M-40, M-50, M-50H | 550 | Aluminum |
| K-80 | 3" | M-80, M-80H | 1136 | |



K-80 Check Valve

V-50-LPG Differential Valve

The differential valve is mounted at the outlet of the meter and connected with the vapor eliminator with the function to shut off the liquid flow whenever vapor occurs in the tube system. The valve maintains sufficient pressure to ensure the high-vapor pressure products, such as LPG & Anhydrous Ammonia (NH₃) to be always remained in liquid state. The valve is spring loaded and to fail if closed.

Technical Specification

| Model | Diameter | Used for Meter | Max. Flow Rate L/Min | Material | Working Pressure |
|----------|-----------|-------------------|----------------------|----------|------------------|
| V-50-LPG | 1.5" & 2" | M-40, M-50, M-50H | 760 | Aluminum | 350PSI |



V-50-LPG Differential Valve

Solenoid Valve

Solenoid Plug Valve & Solenoid Air Check Valve

Size: 2", 3", 4" & 6"

Power: 220V/50HZ or 24V



Stainless Steel
Solenoid Plug Valve



Cast Iron Solenoid
Air Check Valve

FMC Series PD Rotary Vane Flow Meter



FMC-50 Meter with Register,
Strainer & Air Eliminator



FMC-100 Meter with Register,
Strainer & Air Eliminator

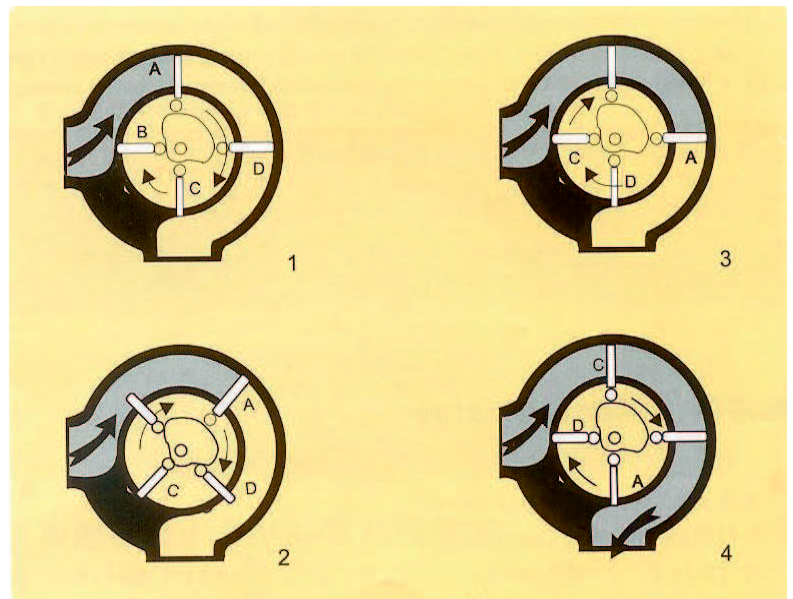


FMC-50 Preset Meter with Register,
Preset Register, Preset Valve,
Strainer, Air Eliminator & Printer

Characteristics

- FMC series PD rotary vane meters are single case, angle-type, rotary vane, positive displacement meters.
- Superior accuracy and metering for a wide range of products, such as, gasoline, kerosene, fuel oils etc..
- Compact, versatile design can be readily fit into nearly all installations.
- Low pressure drop meter results in low meter slippage and thus superior meter accuracy.
- Long service life, low friction ball bearings, fixed cam-type timing, and rugged construction give sustained accuracy and long time operation.

Construction



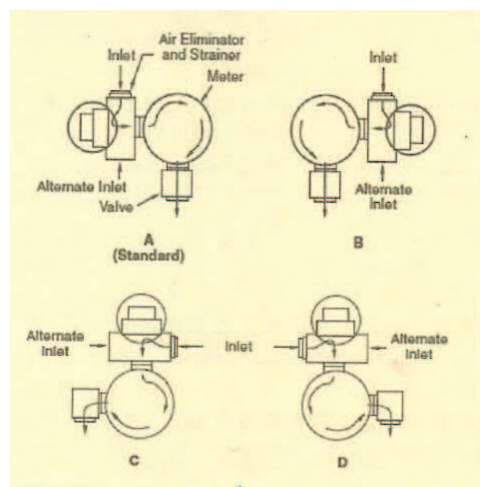
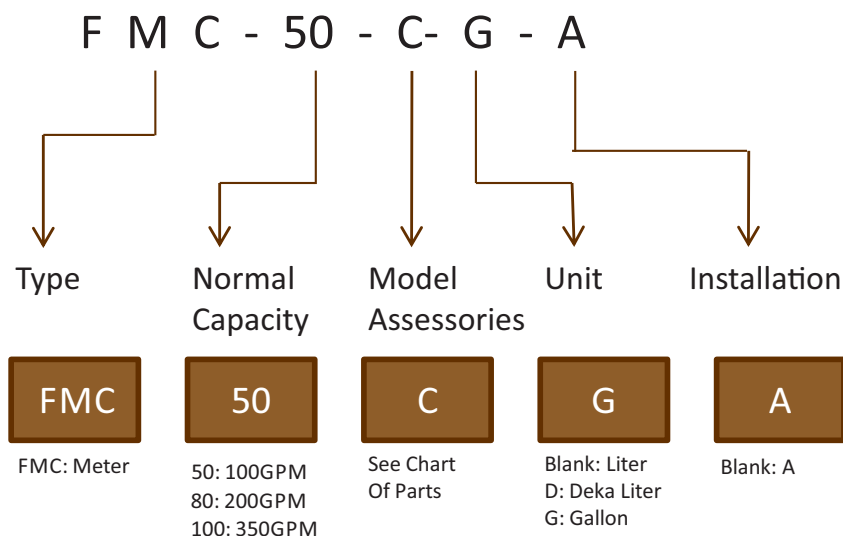
Application

Application includes: blending, batching, dispensing, inventory control and custody transfer of oils, solvents, chemicals, paints, fats and fertilizers.

FMC Series PD Rotary Vane Flow Meter

Model No. Description

Inlet & Outlet Installation



Technical Specification

| Model | FMC-50 | FMC-80 | FMC-100 |
|----------------------|---------|---------|----------|
| Size | 50mm/2" | 80mm/3" | 100mm/4" |
| Flow Range(L/min) | 38-380 | 75-750 | 150-1500 |
| Max.Working Pressure | 150PSI | | |
| Accuracy | ± 0.2% | | |
| Repeatability | 0.07% | | |

Packaging Data

| Model | FMC-50 | FMC-80 |
|--------------|-----------------|--------------|
| Packaging | 1pc/wooden case | |
| Net Weight | 42kgs | 63kgs |
| Gross Weight | 57kgs | 70kgs |
| Size | 59× 34× 57cm | 59× 34× 57cm |



2" Air Eliminator & Strainer



4" Air Eliminator & Strainer



2" Preset Valve

SM Series Positive Displacement Flow Meter

Characteristics

- Stepless adjusting mechanism allows a micro adjustment of the meter
- Special designed Manifold in line separates from measuring chamber to avoid stress coming from the installation
- Low head loss
- Simple construction : Rotor - blades for easy and low maintenance cost
- Wearing compensation :To maintain a good accuracy all along the years
- Meter also for viscous products : up to 800 Cst.



SM-50-1 Meter with Mechanical Register A Type

Material

Manifold: Steel or Aluminium

Body: Ni-resist Cast Iron

Covers: Steel

Rotor: Aluminium

Baltes: Carbon

Bearings: Stainless Steel

Seals/ gaskets: Viton, Buna"N"

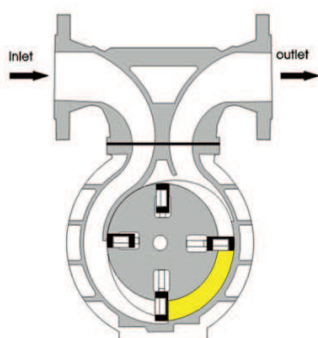


SM-80-1 Meter with Mechanical Register B Type

Application

- Oil company: refineries, oil depots, gas station and tank trucks distribution
- Airports: aircraft refuellers
- Army: depot reception or loading trucks
- Administration (railway companies, public transport)
- Ports: Boats/barges
- Private oil transport companies

Construction



SM-50-P-1 Meter with Pulser

SM Series Positive Displacement Flow Meter

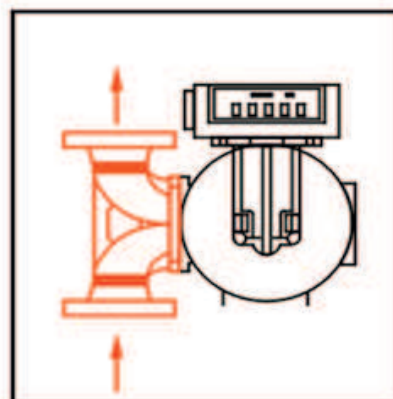
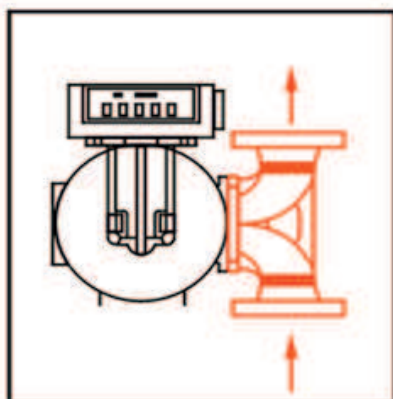
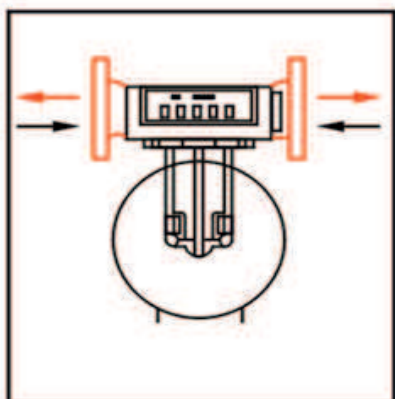
Technical Specification

| Model | SM-50-I | SM-80-1 |
|-------------------------|--|--|
| Size | 50mm/2" | 80mm/3" |
| Volume per Revolution | 0.4L/0.08US Gallon | 2.27L/0.5US Gallon |
| Max. Flow Rate | 24M ³ /h or 400L/Min or 105US Gallon | 80M ³ /h or 1333L/Min or 360US Gallon |
| Min. Flow Rate | 2.4M ³ /h or 40L/Min or 10.5US Gallon | 8M ³ /h or 133.3L/Min or 36US Gallon |
| Accuracy | ± 0.2% | ± 0.2% |
| Repeatability | ≤0.05% | ≤0.05% |
| Max. Operation Pressuer | 8Bar/120PSI/8.3Kg/cm ³ | 10Bar/150PSI/10.5Kg/cm ³ |
| Working Temp. | -40°C~+60°C | -40°C~+60°C |
| Max. Viscosity | 800Cps/3850SSU | |

Packaging Data

| Model | SM-50-1 | SM-80-1 |
|--------------|----------------|--------------|
| Packaging | 1pc/Carton | |
| Net Weight | 20kgs | 56kgs |
| Gross Weight | 22kgs | 58kgs |
| Size | 29× 23.5× 40cm | 36× 37× 40cm |

Flexible Installation



JSQ Series Register

JSQ Series Register

Description

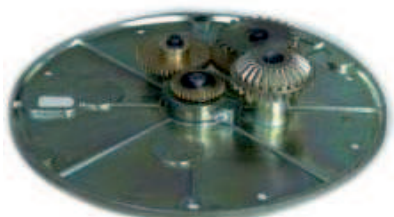


JSQ-2 Mechanical Register

JSQ-2 Mechanical Register is the outstanding choice for recording and displaying delivery data in a wide variety of industries. In the petroleum refining and distributing field, it is used from the well to pipelines and storage centers, then to gasoline and fuel oil delivery trucks. In the chemical processing field, it can be used for displaying totals during mixing and batching operations. The mechanical register totalizes and displays high speed deliveries and transactions in large easy-to-read figure.

Characteristics

- New crisp, high visibility digital display for optimum readability in all ambient lighting.
- Latest technology, modern materials give maximum dependability at speed to 250 rpm of right wheel ord.
- Built-in precision totalizer accumulates up to 99,999,999 units, delivery display 5 digital.
- Acetal resin components for smooth operation and extra long life.
- Fits all popular flow meters



Gear Plate

Gear Plate

The gear plate is installed in the base of the mechanical counter to convert meter rotary shaft output to an engineered unit of measure. Changing unit of measure is simple through conversions of accessible gears.



JSQ-3 Mechanical Preset Counter

JSQ-3 Mechanical Preset Counter

Available for either single-stage or two-stage valve closure. Sets a predetermined volume & controls a mechanically linked valve.



JSQ-4 Mechanical Counter With Ticket Printer

JSQ-4 Mechanical Counter with Ticket Printer

Printer generates an imprinted record of the transaction.

Packaging Data

| | |
|--------------|--------------|
| Model | JSQ-2 |
| Packaging | 2pcs/carton |
| Net Weight | 13Kgs |
| Gross Weight | 14Kgs |
| Size | 34× 28× 38cm |

OGM Series Aluminum Oval Gear Meter

Description

OGM series Aluminum Oval Gear Meter can handle a wide range of viscous fluids with exceptional levels of repeatability and durability. It has mechanical display and electronic display for option.

Advantage

Compact size, easy maintenance.

Easy to read and operate mechanical display

Horizontal and vertical flexibility of installation options

Low pressure drop.

Application

Widely used in Petroleum,
Chemical, Medicine,
Transportation, food
industry etc..

Construction



OGM-A-25 Mechanical
Oval Gear Meter



OGM-E-25 Electronic
Oval Gear Meter



OGM-A-40 Mechanical
Oval Gear Meter



OGM-A-25-P Oval Gear
Meter with Pulser

Technical Specification

| Type | OGM-A(E)-25 | OGM-A(E)-40 | OGM-A(E)-50 |
|-------------------------|-------------|-------------|-------------|
| Size | 1" | 1.5" | 2" |
| Min.Flow Rate | 20L/Min | 25L/min | 30L/min |
| Max.Flow Rate | 200L/Min | 250L/min | 300L/min |
| Accuracy | ± 0.5% | ± 0.5% | ± 0.5% |
| Repeatability | ≤0.03% | ≤0.03% | ≤0.03% |
| Max. Viscosity | 1000CPS | 1000CPS | 1000CPS |
| Max. Operating Pressure | 3.4Mpa | 1.8MPa | 1.8MPa |

Technical Specification

| Model | Volume Per Revolution | Pulser | Voltage | Currency |
|------------|-----------------------|------------|---------|----------|
| OGM-A-25-P | 0.048L/R | 4 Pulses/R | DC5-36V | 15mA |
| OGM-A-40-P | 0.123L/R | | | |
| OGM-A-50-P | 0.280L/R | | | |

Wave



JSQ-2/E Electronic Register

Description

JSQ-2/E Electronic Register System adopts the modern high-performance ARM microprocessor with the function of high operation speed, low power consumption, stable performance and resource-rich interface. Intrinsically safe designed, it is more stable and reliable with the strong functions.

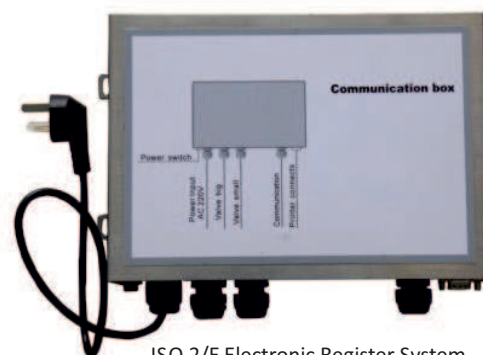
JSQ-2/E Electronic Register System is the ideal substitute product for the traditional mechanical register with advantage of high-precision measurement, stable performance, widely installed on all kinds of flow meters with the LCD display, easy & friendly operation, widely used in stock terminal, oil tank truck, service station, boatyard, etc.



JSQ-2/E Electronic Register

Characteristics

- Matching with the variety pulser to achieve the measurement of high-precision large flow.
- Flow rate compensation and temperature compensation for choice to improve the measurement precision.
- Free refueling and preset refueling for option.
- With the automatically adjustment function.
- Equipped with printer to print the transaction records. It makes the operation very direct-viewing.



JSQ-2/E Electronic Register System

| Technical Specification | |
|-------------------------|----------------------|
| Power | AC220± 20%,50Hz± 1Hz |
| Temperature | -20°C~+55°C |
| Humidity | ≤95% |
| Sub-total | 6 Digital |
| Totalizer | 8 Digital |
| Precision | ± 0.1% |

PS-100 Encoder

Specification

Voltage (V+): +8 ~ 24VDC
 Current: 26mA typical
 100 pulses per encoder revolution
 Operating temperature range:
 -40°C ~ +85°C (-40°F ~ 185°F)



PS-100 Encoder

Output Wave



OGM Series Cast Iron Oval Gear Meter

Description

OGM Series light oval gear flow meter, with innovative design and rational structure can be widely used in petroleum, chemical, pharmaceutical and public health sectors etc..Cast Iron, Cast Steel, Stainless Steel material available .



OGM-50 Oval Gear Meter

Characteristics

- High accuracy, wide range of the flow, excellent repeatability.
- Spiral rotor rotating evenly, small vibration and longevity.
- Suitable for high viscosity of the liquid measurement
- Simple structure, small size and light weight
- Easy to install
- Reset to "0"



OGM-50 Oval Gear Meter with Pulser

Technical Specification

| Mode | OGM-I-15 | OGM-I-20 | OGM-I-25 | OGM-I-40 | OGM-I-50 | OGM-I-80 | OGM-I-100 | OGM-I-150 |
|----------------------------------|-------------|----------|----------|----------|----------|----------|-----------|-----------|
| DN (mm) | 15 | 20 | 25 | 40 | 50 | 80 | 100 | 150 |
| Min. Flow Rate m ³ /h | 0.3 | 0.3 | 0.6 | 1.6 | 5 | 6 | 10 | 38 |
| Max. Flow Rate m ³ /h | 1.6 | 3 | 6 | 16 | 25 | 50 | 80 | 190 |
| Accuracy % | +0.3 ~ +0.5 | | | | | | | |
| Working Temperature °C | -10 ~ 80 | | | | | | | |
| Pressure Mpa | 1.0-6.3 | | | | | | | |
| Liquid Viscosity MPa.s | 2 ~ 75 | | | | | | | |
| Min. Scale Value L | 0.1 | | 1 | | | 10 | | |
| Register Amount m ³ | 999.99 | | 9999.9 | | | 99999 | | |

Note: 10mm, also can be made as per requirement with flow rate of 0.08-0.4m³/h

Packaging Data

| Mode | OGM-15 | OGM-20 | OGM-25 | OGM-40 | OGM-50 | OGM-80 | OGM-100 |
|--------------|-----------------|------------|--------------|--------------|--------------|--------------|--------------|
| Packaging | 1pc/Wooden Case | | | | | | |
| Net Weight | 7.5kgs | 8.5kgs | 15.6kgs | 18.5kgs | 30kgs | 44.5kgs | 72kgs |
| Gross Weight | 9.5kgs | 10.5kgs | 18.1kgs | 21.5kgs | 33kgs | 48kgs | 77kgs |
| Size cm | 18× 12× 23 | 20× 12× 24 | 24.5× 18× 25 | 25× 18.5× 28 | 34× 23× 33.5 | 56× 26.6× 34 | 42× 31× 40.5 |

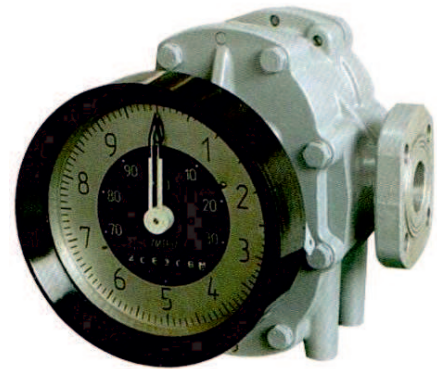
OGM Series Cast Iron Oval Gear Meter

Description

OGM Series light oval gear flow meter, with innovative design and rational structure can be widely used in petroleum, chemical, pharmaceutical and public health sectors etc.

Characteristics

- High accuracy, wide range of the flow, excellent repeatability.
- Spiral rotor rotating evenly, small vibration and longevity.
- Suitable for high viscosity of the liquid measurement
- Easy to install



OGM-R-40 Oval Gear Meter

Technical Specification

| Mode | OGM-R-25 | OGM-R-40 |
|------------------------------|-------------|-------------|
| DN (mm) | 25mm/1" | 40mm/1-1/2" |
| Min. Flow Rate | 20-120L/Min | 40-400L/Min |
| Accuracy % FM-30 FM-30 | +0.5 | |
| Repeatability | ≤ 0.17% | |
| Working Temperature °C | -30 ~ 80 | |
| Pressure Bar | 16 | |

Packaging Data

| Mode | OGM-R-25 | OGM-R-40 |
|--------------|------------|------------|
| Packaging | 1pc/ Case | |
| Net Weight | 17kgs | 19.5kgs |
| Gross Weight | 18kgs | 20.5kgs |
| Size cm | 33× 30× 28 | 36× 33× 30 |

K24 Mini Flow Meter

K24 Flow meter adopts the concept of modular design, with features of complete function, simple construction, easy operation etc., which is widely used in petroleum, chemistry, medicine, traffic, food and commercial industry.

Technical Specification

| | |
|-----------------------|-----------|
| Inlet & Outlet | 1" |
| Accuracy | ± 1% |
| Repeatability | ± 0.5% |
| Flow Rate | 10-120LPM |
| Max. Working Pressure | 20 Bar |
| Working Voltage | 2.3-3.3V |



K24

FM Series Flow Meter

FM-120L Flow Meter



FM-120L



FM-30



FM-40G

FM-120L Flow Meter is to measure the exact quantity of the dispensed fuel. They are designed for noncommercial use Only. These flow meters are reliable, inexpensive, easy to install and simple to calibrate on the workplace.

Aluminum metering chamber, 1" thread connection.

Mechanical readout device with rotating wheels. 4 digitals subtotals can be set to zero, 8 digital total readouts can not.

| Technical Specification | | |
|-------------------------|---------------|---------------|
| Model | FM-120L | FM-30 |
| Measurement | Liter/ Gallon | Liter/ Gallon |
| Max.Pressure | 3 Bar | 3 Bar |
| Flow Rate: | 20L-120L/min | 20L-120L/min |
| Inlet&Outlet | BSPF/NPT 1" | BSPF/NPT1" |
| Precision | ± 1% | ± 1% |

FM-40G Flow Meter

FM-40G Flow Meter is designed for metering diesel fuel, Gasoline, kerosene, mineral spirits, solvent and heptane with the advantage of large, easy to read numbers, quick Reset knob, flexible flow ports, which can be positioned vertically or horizontally. Easy reset register indicates product use up to 999.9 gallons. The master totalizer registers up to 99999999 gallons.

| Technical Specification | |
|-------------------------|---------------------|
| Model | FM-40G |
| Measurement | Liter/Gallon |
| Max. Pressure | 3 Bar. |
| Flow Rate | 40PGM |
| Inlet&Outlet | BSPF/NPT 1" or 1 ½" |
| Precision | ± 1% |

Packaging Data

| | | |
|--------------|--------------|--------------|
| Model | FM-120L | FM-40G |
| Packaging | 6 pcs/carton | 2 pcs/carton |
| Net Weight | 12Kgs | 6Kgs |
| Gross Weight | 13Kgs | 7Kgs |
| Size | 53× 25× 36cm | 49× 28× 22cm |

JYM/*1 Oval Gear Meter

JYM/*-1 series Oval Gear Meter for controlling and measuring low, medium and high viscosity, such as fuel, lubrication oil with advantage of high precision and low pressure loss, compact, light weight design and easy installation.

JYM/L-1 Oval Gear Meter with LCD display, 5-digital sub-total, with floating point from 0.001 to 999.99; 8-digital non-resettable totalizer.

JYM/P-1 Oval Gear Meter with pulse output, reed switch built-in, signal channel output.



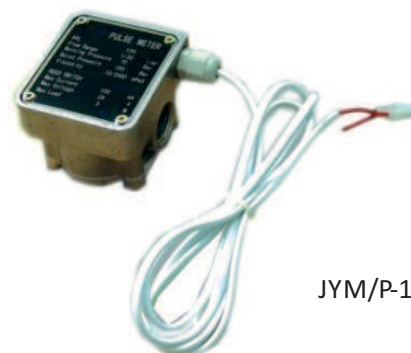
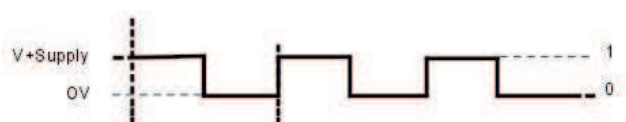
JYM/L-1

Technical Specification

| | |
|------------------------------|-----------|
| Inlet & Outlet | BSPF1/2" |
| Accuracy (after calibration) | ± 0.5% |
| Repeatability | 0.2% |
| Max. Operating Pressure | 70 Bar |
| Flow Rate | 1-30L/Min |
| Discharge Rate/Revolution | 25ml/R |
| Battery Power | 2× 1.5V |

Output Pulser

2 pulses per revolution



JYM/P-1

LS Series Diesel Flowmeter

Description

Diesel Flowmeter is positive displacement flowmeter, which can be installed in train, tractor, generators and shipping etc. to measure various types of power plant fuel consumption, and a variety of liquid metering and pipe measuring etc.. With in-built copper filter or equip with filter outside. It also has pulse output.

Diameter: 6~25mm

Accuracy: 0.2%~1%

Application: Gasoline, Diesel, Kerosene & other liquids etc..



LS-8C

Mini Flow Meter

GPI Turbine Digital Flow Meter

Turbine measuring system

Simple, reliable, small & economic

Easy to install either in line or at the end of delivery hose

5-digit readout, resettable total available



GPI-1



Turbine Meter with nozzle

| Technical Specification | | | |
|-------------------------|---------|----------|----------|
| Type | GPI-1 | GPI-2 | GPI-3 |
| Size | 3/4" | 1" | 1.5" |
| Flow Rate | 70L/Min | 120L/min | 160L/min |
| Accuracy | ± 1% | ± 1% | ± 1% |



FMC-80W

FMC Gravity Unloading Meter Unit

FMC Gravity Unloading Meter Unit is intrinsic-safety measurement unit for gasoline, diesel, kerosene, with mechanical printer register, 5 digital subtotal display and printing, installed with quick hose adaptor for tank truck unloading, with advantage of ideal gravity unloading meter unit, low pressure drop, high accuracy, wide measurement range, low noise, etc.

| Technical Specification | | | |
|-------------------------------|---------|---------|----------|
| Model | FMC-50W | FMC-80W | FMC-100W |
| Flow Meter | FMC-50 | FMC-80 | FMC-100 |
| Quick Hose Adaptor | 50mm/2" | 80mm/3" | 100mm/4" |
| Mechanical Register & Printer | JSQ-4 | | |
| Accuracy | ± 0.2% | | |

Standard Metal Prover

Standard Metal Prover: carbon steel & stainless steel materials available.

Two types:

- I. Vertical: 10, 20L
- II. Flow outlet with legs: 5, 10, 20, 50, 100, 200, 500, 1000L



LT-1



LT-2



LT-3



LT-4

BIMCO

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