

FLOW Meters

DRUM / BARREL PUMPS

Models FM-1000, FM-2000, FMBC-2000

Dispense precise amount of fluids from drums, barrels, totes and other containers.

Handles a wide variety of chemicals and corrosive liquids such as acids, bases, cleaners, coolants, plating solutions, developing solutions, pesticides, and herbicides. Meters are designed for use on PFM, PFP and PFV drum pumps.

Features

- Splash and corrosion-resistant polypropylene or PVDF construction
- Includes engineered connection components for fast assembly to PFM, PFP or PFV drum pumps.
- FM-1000 is preset, factory calibrated
- FM-2000 and FMBC-2000 are factory calibrated but can also be user calibrated for custom flow rates and fluid characteristics
- Displays either volume (total flow) or flow rate in gallons or liters
- +/- 1% accuracy and repeatability
- Batch control version - FMBC-2000 - stops pump after a customer-adjustable preset volume is pumped.
- Easy to read LCD display with push-button interface
- Automatic power down feature extends battery life (FM-1000 only)
- FMBC-2000 operates on 115 or 230V depending on model
- 20 cP maximum viscosity
- Temperature range: 40°F (5°C) to 120°F (49°C)
- Flow range: 5 gpm (20 lpm) to 32 gpm (120 lpm)



FM-1000



FM-2000 / FMBC-2000
(Batch Control Version)



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Specifications

FM-1000 Series Models

| Part Number | Model Number | Totalizer | Rate | Units | Material |
|-------------|--------------|-----------|------|------------|---------------|
| 106608 | FM-1000-T | X | | Gallons | Polypropylene |
| 106608-1 | FM-1000-RT | X | X | Gal./GPM | Polypropylene |
| 106608-2 | FM-1000-T | X | | Gallons | PVDF |
| 106608-3 | FM-1000-RT | X | X | Gal/GPM | PVDF |
| 106608-4 | FM-1000-T | X | | Liters | Polypropylene |
| 106608-5 | FM-1000-RT | X | X | Liters/LPM | Polypropylene |
| 106608-6 | FM-1000-T | X | | Liters | PVDF |
| 106608-7 | FM-1000-RT | X | X | Liters/LPM | PVDF |

FM-2000 Series Models

| Part Number | Model Number | Totalizer | Rate | Units | Material | Field Calibration |
|-------------|--------------|-----------|------|------------|---------------|-------------------|
| 106609 | FM-2000 | X | X | Gal./GPM | Polypropylene | X |
| 106609-1 | FM-2000 | X | X | Gal./GPM | PVDF | X |
| 106609-4 | FM-2000 | X | X | Liters/LPM | Polpropylene | X |
| 106609-5 | FM-2000 | X | X | Liters/LPM | PVDF | X |

FMBC-2000 Series Models

| Part Number | Model Number | Totalizer | Rate | Units | Material | Field Calibration | Batch Control |
|-------------|--------------|-----------|------|------------|---------------|-------------------|---------------|
| 106609-2 | FMBC-2000 | X | X | Gal./GPM | Polypropylene | X | 115V, 60Hz |
| 106609-3 | FMBC-2000 | X | X | Gal./GPM | PVDF | X | 115V, 60Hz |
| 106609-6 | FMBC-2000 | X | X | Liters/LPM | Polypropylene | X | 230V, 50Hz |
| 106609-7 | FMBC-2000 | X | X | Liters/LPM | PVDF | X | 230V, 50Hz |

| Meter Type | Materials of Construction |
|---------------|---|
| Polypropylene | Polypropylene housing, PVDF turbine, PVDF shaft, FKM seal |
| PVDF | PVDF housing, PVDF turbine PVDF shaft, FKM seal |



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