



## Display

- Eight-digit display of total
- Six-digit display of rate (11-segment characters for easy-to-read prompts)
- Character height - 0.300"
- Adjustable contrast and update period
- User-selectable units of measurement:
  - Total: bbl, gal, liters, cubic meters, cubic feet, standard cubic feet, user-defined units (and all units x 1000)
  - Rate: Any of the above total volume units per day, hour, minute or second

## Power Supply Options

- 3.6 VDC lithium battery pack
  - Two-year typical life (main or backup power supply)
  - Transport is subject to hazardous goods restrictions
- External power supply (6 to 30 VDC) with internal battery backup
- Loop-powered (4 to 20 mA output) with internal battery backup

## Temperature Range

- -40° F to 158° F (-40° C to 70° C)
- LCD contrast is reduced below -4° F (-20° C)

## Mounting

- Standard 1/4-DIN (3.62" x 3.62")

## Inputs

### Turbine Meter Input

- Configurable sensitivity adjustment
- Frequency range: 0 to 3500 Hz

### Remote Reset Input

- Optically isolated
- Supply range: 3.0 to 30 VDC

### Pulse Input

- Optically isolated
- Supply range: 3.0 to 30 VDC

## Outputs

### Analog Output

- 4 to 20 mA, loop-powered (two-wire)
- 16-bit resolution
- Accuracy: 0.1% of FS at 77° F (25° C), 50 PPM/° C temperature drift

### Analog Output cont.

- Loop power: 8.0 to 30 VDC
- Zero and full-scale engineering values configurable from front panel

### RS-485 Communications

- Baud rates: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600 and up to 115.2K

### Volumetric Pulse Output

- Solid-state relay
- Output rating: 60 mA max at 30 VDC
- Configurable pulse duration and scale factor

### Amp and Square Output

- Open-drain transistor output of turbine meter input signal
- Output rating: 50 mA at 30 VDC (analog output and amp and square outputs cannot be used simultaneously)

## Flow Archive

- 384 daily logs
- 768 hourly logs
- 345 event logs
  - K-factor changes
  - Input setting changes

## Communications/Archive Retrieval

- RTU mode Modbus
- Enron Modbus
- 16-bit slave address supported
- Data printouts in tabular or chart formats
- Data export to spreadsheet (.xls and .csv formats)

## MC-III Interface Software

- Provided at no additional charge
- Complete configuration to include multi-point and gas calibration
- Real-time data
- Downloads
  - Reports
  - Charts
  - Exports to .xls and .csv formats
- Wizard offers step-by-step calibration procedure
- Windows® 7, 2000 or XP required

## LOCATIONS

### North and South America

14450 JFK Blvd.  
Houston, TX 77032  
USA  
Tel 1 281 582 9500  
ms-us@c-a-m.com

### Europe, Africa, Caspian and Russia

3 Steyning Way  
Southern Cross Trading Estate  
Bognor Regis  
West Sussex PO22 9TT  
England, UK  
Tel 44 1243 826741  
ms-uk@c-a-m.com

### Asia Pacific

Suite 16.02 Menara AmFirst  
No. 1 Jalan 19/3  
46300 Petaling Jaya  
Selangor Darul Ehsan  
Malaysia  
Tel 603 7954 0145  
ms-kl@c-a-m.com

### Middle East

Level 9, Al Jazira Club Tower A  
PO Box 47280, Muroor Road  
Abu Dhabi  
United Arab Emirates  
Tel 971 2 596 8400  
ms-uk@c-a-m.com

## OTHER LOCATIONS

### ALGERIA

### CANADA

### CHINA

### INDIA

### MALAYSIA

### RUSSIA

### UAE

### UK

### USA

[www.c-a-m.com/measurement](http://www.c-a-m.com/measurement)