



SEM-10SS

Stainless Steel Electronic Flow Meter



Accurate, Reliable Metering

The Scienco SEM-10SS stainless steel electronic flow meter employs positive displacement nutating disk technology to meter liquids of various viscosities with great accuracy and nominal pressure loss. With the largest LCD display available on the market, large positive touch buttons and simple one-touch operation, the SEM-10SS flow meter is easy to read and to use. Its stainless steel and plastic construction provides increased resistance to corrosion. This multiple use non-commercial meter mounts directly to the pump discharge via a one-inch stainless steel rear port and may be used with many pesticides, chemicals and petroleum products.

Applications

- Agriculture
- Chemical transfer
- Non-flammable liquids
- Light oils
- Inks
- Automotive fluids

Operating Parameters

- Flows from 0.5 to 6.8 m³/h (2 to 30 gpm)
- Pressures to 6.9 bar (100 psi)
- Temperatures to 85°C (185°F)
- Accuracy to +/- 0.5%
- Totals to 999 999

Features and Benefits

Stainless Steel Housing is durable and corrosion resistant

Positive Displacement Nutating Disk Design meters liquids of various viscosities with great accuracy and minimal pressure loss

Simple, One-touch Operation with large, positive touch buttons

LCD Display measures 20 mm (0.75 in) and is the largest on the market

Choice of Three Calibration Modes to suit application needs

25 mm (1 in) Rear Mounting Port allows meter to be mounted directly to the pump discharge. Side port measures 25 mm (1 in)

Extended Battery Life is provided by one 3-volt lithium battery

Auto Shut-off after 40 seconds of inactivity saves battery life. Auto wake-up occurs once pumping resumes

Experience In Motion

Materials of Construction

Component	Material
Meter Housing	Stainless steel
Meter Chamber	Polyphenylene sulfide (PPS) and stainless steel
O-rings	Viton® (EPDM optional)
Electronics Body	Nylon®
Screws	Stainless steel

Note: Ensure chemical compatibility between liquid metered and the meter's wetted parts prior to use.

® Viton and Nylon are registered trademarks of the DuPont Company.



Bulletin PSS-90-20.14b (E) Printed in USA. August 2008.

© Flowserve Corporation

To find your local Flowserve representative:

For more information about Flowserve Corporation, visit www.flowserve.com or call USA 1 800 728 PUMP (7867)

USA and Canada

Flowserve Corporation
5215 North O'Connor Blvd.
Suite 2300
Irving, Texas 75039-5421 USA
Telephone: 1 937 890 5839

Flowserve Corporation

Scienco Pumps
5599 E. Holmes Road
Memphis, Tennessee 38118 USA
Telephone: 1 800 343 7867
Telefax: 1 901 259 3946

Europe, Middle East, Africa

Flowserve Corporation
Gebouw Hagepoint
Westbroek 39-51
4822 ZX Breda
Netherlands
Telephone: (31) 76 502 8920

Latin America

Flowserve Corporation
Boulevard del Cafetal
Edificio Ninina, Local 7
El Cafetal - Caracas
Venezuela 1061
Telephone: 58 212 985 3092
Telefax: 58 212 985 1007