



Scienco™ SEM-10 and SEM-10FT

Fixed mounting and flow through electronic flow meters



Accurate metering made simple

The Scienco SEM-10 and SEM-10FT electronic flow meters employ 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-10 and SEM-10FT flow meters are easy to read and to use.

Two models

The SEM-10 meter mounts directly to the pump discharge via a 25 mm (1 in) rear port. The flow through configuration of the SEM-10FT enables the meter to be mounted at hose end.

Features and benefits

Fixed mounting or flow through configurations provide application flexibility.

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

Extended battery life is provided by one 3-volt lithium battery.

Applications

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



Materials of construction

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

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

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Operating parameters

- Flows from 0.5 to 6.8 m³/h (2 to 30 gpm)
- Temperatures to 55°C (130°F)
- Pressures to 4 bar (60 psi)
- Accuracy to +/- 0.5%
- Totals to 999,999



SEM-10FT flow through flow meter with ball valve and spout

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