



OLM 8000

On-Line Plural Component Flow Monitor

Ratio Accuracy Monitor for Plural Component Proportioning Equipment



- Provides the highest level of ratio assurance for mechanical proportioning systems
- Adaptable to virtually any plural component proportioning equipment
- Insensitive to pressure fluctuations that generate false alarms on other systems
- Provides material use reports and maintenance schedules

The OLM 8000 monitors the delivery of your plural component coatings and prevents off-ratio conditions that result in costly scrap, rework and poor quality finishes.

By using two positive displacement flow meters, one in each material stream, the OLM 8000 continuously monitors the actual volumes of fluids used to create the mixed material. If the measured ratio varies from the desired ratio by more than the programmed tolerance, an alarm sounds and the solenoid link stops production.

A secondary “warning” tolerance can also be programmed to sound an alarm before the ratio error reaches critical stages.

The positive displacement flow meters are insensitive to pressure fluctuations which can cause false alarms in pressure monitoring systems. The flow meters are also “fail safe” devices which provide an added level of assurance not found in many other systems.

Help ensure proper paint curing and optimum paint performance. Select the on-line monitor specifically designed for plural component porportioning – the OLM 8000.

Reporting

Not only will the OLM 8000 confirm the ratio accuracy, it can also provide a reliable record of paint use and required maintenance schedules for related equipment.

The OLM 8000 keeps track of:

- Total Volume A
- Total Volume B
- Total Volume A & B
- Flow Rate A
- Flow Rate B
- Flow Rate A & B
- Total Job Volume (resettable)
- Grand Total Volume (non-resettable)

Ordering Information

Configurations vary with proportioner used.

Contact Graco Technical Assistance for ordering product.

Technical Specifications

Max. fluid output pressure up to 3000 psi (210 bar)

Max. flow rate up to 5.6 gpm (19 lpm)

Power requirements 110 VAC, 2 amps

(Note: controller must not be located in hazardous or explosive environments.)

Solenoid interlock 1/4 in. air line, 100 psi (7 bar)

Accessories

Optional RS-485 Communication Port

Allows for transfer of data to other controllers or PCs.
Contact Graco for details.

Hazardous Location Flow Meters and Barriers

Allows flow meters (only) to be located in the hazardous environment.

Installation Assistance and Training Available