

No. 103

March 31, 2001

## Flow control optimization during first five minute sample period.

During non-operating periods, the SASS™ flow control valves will remain in the same position as when last operated actively. When the next startup occurs, especially under changed conditions, this flow control valve position may not be in the location to immediately reach the 6.7 L/minute setpoint. The active flow control design of the SASS™/SuperSASS™ will adjust so that the sample flows reach the 6.7L/minute (+/- 10%) within the first five-minute period. However, the amount of this hysteresis effect of past control parameters may effect this first period (5 minute) flow control “period average”, and initial CV calculations. Beginning with revision 4.05 (control box firmware), the flow control calculations (including period average and CV) were optimized to take into account this hysteresis effect during this initial startup period. If you continue to see high CV values during the first five-minute period, please contact the Met One service department at (541)471-7111, or at [service@metone.com](mailto:service@metone.com).



Met One Instruments, Inc.

Corporate Sales & Service: 1600 Washington Blvd., Grants Pass, OR 97526, Phone: 1(541)471-7111, FAX: 1(541)471-7116  
Regional Service: 3206 Main Street, Suite 106, Rowlett, TX 75088, Phone: 1(972)412-4747, FAX: 1(972)4124716  
Website: [www.metone.com](http://www.metone.com) Email: [service@metone.com](mailto:service@metone.com)

---