

## PRESS RELEASE

### Thermal mass flow meter with integrated constant-flow controller

Mass Flow ONLINE B.V., specialist in low flow measurement and control, is proud to announce the extension and upgrade of their MASS-VIEW® series. Next to the existing MASS-VIEW® meters and regulators we have launched the new MASS-VIEW® Controller. While a MASS-VIEW® regulator is equipped with a needle valve, the instrument can only achieve a constant flow, provided that the pressure conditions stay constant. When pressure conditions are varying, the regulated flow rate will change too. A MASS-VIEW® controller eliminates these pressure changes by keeping a constant pressure drop across the needle valve. With varying upstream pressure the flow will nearly be constant.

With a total of 4 instrument models (MV-401, MV-402, MV-404 and MV-405), MASS-VIEW® controllers are suited for flow rates from 0.02 up to 50 l<sub>n</sub>/min (SLM) N<sub>2</sub>-equivalent. All instrument models have 4 preinstalled ranges (100%, 50%, 25% and 10% of maximum FS range) selectable via a user-friendly menu, using a 4-way navigation button. Depending on the exact instrument model, the flow controllers have up to 10 pre-installed gases available (Air, N<sub>2</sub>, O<sub>2</sub>, Ar, CO, CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>, C<sub>3</sub>H<sub>8</sub> and C<sub>4</sub>H<sub>10</sub>). Easy selection can be made with the same 4-way navigation button. The instruments offer an accuracy of ±2%RD if the flow is higher than 50% of its maximum full scale and ±1%RD plus ±0.5%FS on lower flows. The maximum operating pressure is to 10 bar(g) / 150 psi(g).

MASS-VIEW® controllers can be easily ordered from stock at Mass Flow ONLINE B.V. 24 hours a day, 7 days a week on [www.massflow-online.com](http://www.massflow-online.com). From this web shop, we deliver competitively priced, high quality products with excellent delivery time. Your on-line order will be shipped within two working days.

For more information, please visit [www.massflow-online.com](http://www.massflow-online.com)



*MASS-VIEW® flow controller; varying upstream pressure is compensated by a membrane operated valve.*



selling online high quality mass flow measurement and control products

contact us at: [sales@massflow-online.com](mailto:sales@massflow-online.com) or

visit our website [www.MASSFLOW-ONLINE.com](http://www.MASSFLOW-ONLINE.com)