

PRESS RELEASE

## New product line extension for unique thermal mass flow meter

Bronkhorst High-Tech BV, specialists in low flow measurement and control, have extended their line of unique mass flow meters. The extended MASS-VIEW<sup>®</sup> flow meter series is a flow meter sensor with direct local readout. It incorporates a digital bar graph of actual gas flow, which is, thanks to the OLED (organic light emitting diode) technology, clearly visible from all angles, as well as indicating flow units, gas type and totalised figures. Also available with an optional in-built needle valve for flow control duties, it is designed to mimic the straightforward features and vertical format of the VA meter, but with the considerable added benefits of an electronic output signal, high measuring accuracy, virtual independence from gas temperature and pressure variations, free from parallax error and inherently safe construction, with no fragile glass components in the flow path.

MASS-VIEW<sup>®</sup> operates on the principle of direct thermal mass flow measurement and is virtually independent from gas temperature and pressure. MASS-VIEW<sup>®</sup> instruments are suitable for Air flow rates from 0.01 to 200 l<sub>r</sub>/min (SLM), offering an accuracy of  $\pm 2\%$ RD if the flow is higher than 50% of its maximum full scale and  $\pm 1\%$ RD plus  $\pm 0.5\%$ FS on lower flows. The instruments can handle operating pressures up to 10 bar(g) / 150 psi(g). One can easily select a pre-installed gas (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>) which eliminates the need to recalibrate for different gases. The product line has now been extended with three multi-range flow meter models for 200 mln/min Air, Helium or H<sub>2</sub> (full scale values) with an optional high resolution needle valve.

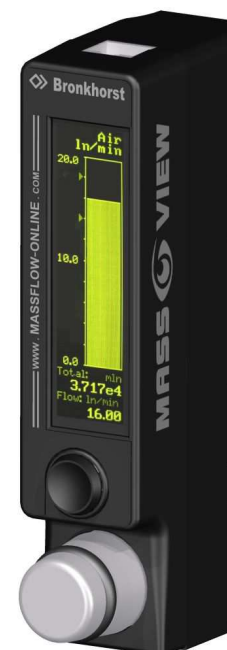
Power consumption is low and mechanical process connections are fitted for straightforward VA meter replacement. MASS-VIEW<sup>®</sup> incorporates the latest OLED technology, which gives a brighter readout than LCDs and can be viewed from virtually any angle. Alarm settings and the selection of pre-installed gas or flow range are accessed via a user-friendly menu, using a 4-way navigation button mounted on the front plate. An analog output signal enables data logging against various parameters and full accountability of gas flow, such as for shared ring main applications.

The MASS-VIEW<sup>®</sup> 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, go to [www.massflow-online.com](http://www.massflow-online.com)

**MASS VIEW**



*MASS-VIEW<sup>®</sup> meter with OLED display and needle valve*



selling online high quality mass flow measurement and control products

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