

P R E S S R E L E A S E

Ruurlo, 25 February 2002

DIGITAL MASS FLOW CONTROLLER

The MFC that speaks your language

Bronkhorst High-Tech B.V. manufactures the largest variety of thermal Mass Flow Meters and Controllers for gases and liquids. The Mass Flow Meters of the EL-FLOW[®] series are compact, modular instruments. They can be combined with control valves, either integrated or separate, in order to measure and control gas flows in ranges starting from 0,06...3 ml_n/min up to 25...1250 l_n/min air-equivalent.

Bronkhorst High-Tech developed their latest digital Mass Flow Meters/Controllers according to the "multi-bus" principle. The basic pc-board on the instrument contains all of the general functions needed for measurement and control, including alarm, totalizing and diagnostic functions. It has **analog** I/O-signals and also an **RS232** connection as a standard feature. In addition to this there is the possibility of integrating an interface board with **DeviceNet[™]**, **Profibus-DP[®]** or **FLOW-BUS** protocol. The last mentioned is a fieldbus specifically designed by Bronkhorst High-Tech for their mass flow metering and control solutions, thanks to which the company already has over ten years of experience with digital communication.

Applications can be found in semiconductor machinery and other process control systems in for instance food, chemical and petrochemical plants.

For more information please contact:

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Best regards,

BRONKHORST HIGH-TECH B.V.

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Wout van 't Wel

Enclosure: 1 picture



EL-FLOW digital MFC with Profibus interface