

PRESS RELEASE

Multi Fluid Multi Range gives flexibility and cost reduction

Digital Mass Flow Meters and Controllers for gases of Bronkhorst High-Tech's **Select** series offer greater flexibility for user selection of both flow ranges and gas types. As a result of their 'Multi Fluid Multi Range' feature in combination with a high rangeability (up to 187.5:1), equipment manufacturers (OEMs) are able to drastically reduce the variety of spare instruments they keep on stock and thus reduce the cost of ownership. Users of MFCs in pilot plants or laboratories can rescale their instruments on site, saving time and money for dismounting and recalibration.

For the convenience of the user, Bronkhorst High-Tech has developed a free software tool called FlowTune. By hooking up the instrument to the RS232 port of a lap-top and running this freeware configuration tool, the selection of different flow ranges is as simple as 1, 2, 3.

The instruments, covering flow ranges from 0...1 ml_n/min up to 0...1670 l_n/min, are available in two configurations. The EL-FLOW **Select** series have a housing designed for laboratory and clean processing conditions, the IN-FLOW **Select** series are of rugged design according to IP65 (dust- and waterproof). The latter are also ATEX Category 3, approved for use in Zone 2 hazardous areas. In addition to the standard analog I/O-signals and the RS232 connection, there is the possibility of integrating an interface board with DeviceNet[™], Profibus-DP[®], Modbus or FLOW-BUS protocol.

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EL-FLOW **Select** Mass Flow Controller

SENSORS FOR MASS FLOW AND PRESSURE