

High Performance Digital Gas Mass Flow Meters & Controllers

FEATURES

- Measure and control gas mass flow rates up to 1000 sccm
- Pressure up to 2000 psig (138 barg)
- Ideal for OEM, industry or research applications
- Test these performance products: high accuracy and great flexibility to multiple gases
- With Dual & Quad™ technology, you select from up to four programming gases or substances (and more)
- Integral Flow Module (optional) or hard build into the case and change critical control functions
- All control functions are also available from your PC or workstation via optional Invertek™ VISA software
- 20 modules and combinations
- Dual flowpaths and great flexibility facilitates replacement of older MFM or MC
- Factory calibration done with primary standard directly traceable to NIST
- Proprietary technology ensuring direct wiring control when following
- Single color LED/PC input power reduces installation and wiring complexity
- CE approved
- Choice from multiple analog or digital outputs including RS-232, RS-485, 4-20 mA, 1-5, 1-10V
- Digital communications protocols supported
 - Modbus
 - Profibus-DP
 - Foundation Fieldbus
 - DeviceNet (pending)

SmartTrak 100



DESCRIPTION

SmartTrak™ 100 series features unprecedented performance, user-friendly features, and flexibility. The 100 series gives you one of the world's most precise meters, controller capabilities, more robust electronics and more user control over a wide range of functions. The result is a series of mass flow meters and controllers that demonstrate precision flow measurement which is easy to use.

The 100 series is designed so that the physics you control. Our ultra performance results from a patented, inherently linear Laminar Flow Element (LFE) design, advanced platinum sensor technology, and thermal proprietary techniques lowering control noise.

The 100 series is available with an Invertek and user-friendly Flow Module, a flow mounted or panel installed device that allows you to dial in gas, change flow rate, modify engineering units or re-configure the instrument. With the Flow Module, the user can set units, span, and full scale for each of the 10 different gases independently to accommodate unique test applications or system design changes.

For the ultimate in performance, flexibility and value, Invertek is the smart choice.



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