

High Performance Digital Gas Mass Flow Meters & Controllers

FEATURES

- Measure and control gas mass flow rates up to 1000 sccm
- Pressure up to 1000 psig (68.9 barg)
- Ideal for OEM, industrial or research applications
- Best class performance provides high accuracy and great flexibility to multiple gases
- With Dual & Quad™ technology, you select from up to ten pre-programmed gases or substances and units
- Inexpensive Module (optional) or hard built into the case and change critical control functions
- All control functions are also available from your PC or workstation via supplied SmartTrak™ VISA software
- 24 months sealed construction
- Dual Displays and great flexibility for future replacement of older MFC or MFC
- Factory calibration done with primary standard directly traceable to NIST
- Repeatability includes lowering flow using control valve technology
- Single valued (FPM) input power reduces installation and complexity
- CE approved
- Choose from multiple analog or digital signals including 4-20 mA, 0-5V, 1-5, 1-10V
- Digital communications protocol supported
 - Modbus
 - Profibus-DP
 - Foundation™/Fieldbus

SmartTrak 100



DESCRIPTION

SmartTrak™ 100 Series features unprecedented performance, user-friendly features, and flexibility. The 100 Series gives users the world's best flow meters, controller valve performance, 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 premium flow measurement which is easy to use.

The 100 Series is designed so that the user can control the user's performance results from a standard, inherently lower luminance Flow-Flashed LED display, allowing optimum sensor technology, and thermal compensation techniques lowering control error.

The 100 Series is available with an innovative and user-friendly "Gas Module," a flow-mounted or panel-mounted device that allows users to dual in Gas, change flow rate, modify engineering units or re-configure the instrument. With the Gas Module, the user can set one, open, and full scale for each of the 10 different gases independently to accommodate unique industrial or custom design changes.

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



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