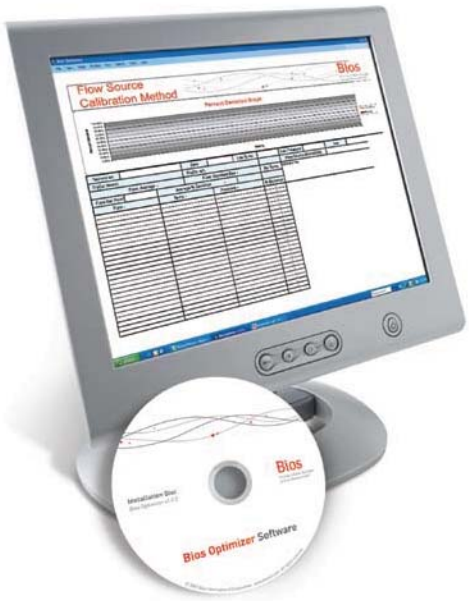

• Bios Optimizer

Software For Doing More

Take your flow measurements one-step further by recording your flow measurements to a PC with Bios Optimizer Collect light, and Collect software. Collect light software is included with all DryCal Gas Flow Instruments — Met Labs, Defenders and Definers. Bios Optimizer Collect light captures flow data from your DryCal directly to a Microsoft Excel® precon-figured spreadsheet. Add additional data collection capabilities with the full version of Bios Optimizer Collect Software. Combine Bios Optimizer Collect Software and the Bios Integrator 110 with a Bios DryCal to perform automated multi-flow point measurements of analog mass flow controllers (MFCs) and mass flow meters (MFMs).

PROVEN DryCal® TECHNOLOGY

Bios

Driving a Higher Standard in Flow Measurement℠

Optimizer Collect light

Optimizer Collect light provides a RS-232 to Microsoft Excel interface for all Drycal Gas Flow Instruments – Met Labs, Defenders and Definers. Optimizer Collect light is provided with the purchase of a DryCal or can be purchase separately from Bios for a nominal fee. Optimizer Collect Light includes Excel templates to:

- Capture data from your Bios DryCal directly to Microsoft Excel
- Enter flow rates from pumps or other flow source and calibrate the flow source.
- Compare the flow measurements from your Bios DryCal precision calibrator to another flow instrument and record the results in a preconfigured Microsoft Excel Spreadsheet.

Optimizer Collect

When you upgrade to Optimizer Collect you will have the added ability to:

- Create and Edit your own Custom Methods and Instrument files for capturing, recording and manipulating flow data from any flow device.
- Bios custom templates are included that automate multi-flow point test of flow meters with the Bios Integrator.
- Connect any RS232 instrument to any program
- Hotkey Commands: Start and stop instrument commands using any keyboard key.
- Extra information for readings: Add Date, Time, and User ID meta-data to instrument readings.
- Timed interval data collection setting: Collect data at a defined frequency with the option to stop after a number of readings.
- Multiple instrument support: Connect and run multiple instruments interfaces simultaneously.
- Filter and Discard data options: Filter incoming data to convert characters to strings or strings to characters or discard unwanted or erroneous outputs.
- Powerful Parser: Easy to setup parser handles simple to complex raw data outputs to extract only required readings.
- Communication protocols: Support connecting slave devices using Modbus or clinical analyzers with ASTM 1381.
- Free RS232-to-TCP/IP software utility: Connect remote instruments directly to any computer with Collect installed, over your network.
- TCP/IP Ethernet data collector: Connect instruments or converters TCP/IP Ethernet port directly to any computer with Collect installed.

Fully Automated Calibrations with Optimizer Collect and Integrator 110

Fully automated multi-flow point tests can easily be performed for analog mass flow controllers (MFC), analog mass flow meters (MFM), and other flow devices using Bios Integrator 110 with Bios Optimizer Collect. With the Excel interface used by Optimizer Collect users can customize data capture and data reporting for any flow device including rotameters, turbine meters, and dry/ wet gas meters.

PC Requirements

- Windows® XP, Windows® Vista
- Microsoft Excel® 2003, 2007
- RS232 port, or if your PC does not have an RS-232 port you will need a USB to RS-232 adapter

The Bios facility in Butler, N.J., (pictured left) is one of the world's most accurate ISO 17025 laboratories serving the environmental and process control industries. With the lowest gas flow measurement uncertainties of any commercial laboratory, Bios provides you with the legal protections and peace of mind valued in today's litigious business environment.

NVLAP® NVLAP Lab Code 200661

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