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## **New Tools Improve Pulmonary Function Testing**

MINNEAPOLIS, MN (March 5, 2014) – Occupational health professionals don't get a free 'do-over' if a day of pulmonary function testing doesn't deliver valid and verifiable spiromograms. To minimize variations in procedures and results, technicians need efficient and flexible control of the multiple steps involved in spirometry testing. With the CCS-200 Plus Spirometer from Benson Medical Instruments, new tools give pulmonary function technologists and company managers increased confidence in the testing process.



Benson Medical Instruments CCS-200 spirometer

Spirometry programs monitor pulmonary function, using standardized tests for the assessment of workers' health. Prior to a test being conducted, however, several preparatory steps must be completed. With the CCS-200 Plus Spirometer, each of these steps is integrated into the on-screen set of tools.

“Our engineers developed procedures to normalize multiple steps in pulmonary testing, capturing data useful for pre- and post-testing planning. Protocols are standardized and designed to be flexible, meeting the reporting requirements of each customer,” states David Mayou, Sales Manager for Benson Medical Instruments.

Before testing takes place, there is a determination of who needs to be tested. The Query Wizard, a built-in feature of the CCS-200 Plus Spirometer, and an extensive report library make planning easy, identifying whom to schedule for testing as well as helping to manage the check-in process on testing day.

The integrated automatic Daily Calibration Check leads the technician through the process of verifying the operation and accuracy of the spirometer. The Readiness Interview on-screen questions start the process. At this point, any circumstances that may affect or invalidate a result can be considered, and existing conditions can be documented for later review.

Occupational health professionals need timely access to the test subject's responses to a lung function questionnaire. The CCS-200 Plus stores this information in the database, so that the data can be retrieved at any time without the need of an Internet connection. Mobile testing vans and other users that may not have easy access to the Internet find this feature useful.

After subject readiness has been established, a spirometry test can begin. Once started, testing with the CCS-200 Plus Spirometer is practically automatic, with straightforward on-screen feedback and guidance at every step. When testing is complete, the system produces reports on the spot that are definitive and clear.

The CCS-200 Plus Spirometer meets or exceeds OSHA and SSA/DDS requirements for pulmonary function testing. Benson Medical Instruments is a leading producer of hearing conservation systems, offering easy-to-use audiometers and powerful database software that are seamlessly integrated by design. The engineering vision that designed an industry-leading audiometer and software package has produced a state-of-the-art spirometer, supported by proprietary software delivering exceptional user convenience, flexibility, and economy.

Benson Medical Instruments Co. designs and manufactures audiometers, spirometers, and software to manage hearing conservation and occupational spirometry programs for companies. For more information: David Mayou, Sales Manager, Benson Medical Instruments Co., 310 Fourth Avenue South, Suite 5000, Minneapolis, MN 55415 USA (Office) +1 612-827-2222 (Email) [sales@bensonmedical.com](mailto:sales@bensonmedical.com) (Website) [www.bensonmedical.com](http://www.bensonmedical.com)

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