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CCS-200 Spirometer Simplifies Coaching



Benson Medical Instruments CCS-200 Spirometer

MINNEAPOLIS, MN (September 25, 2014) – Spirometry practitioners know that coaching is important for valid, consistent results, and NIOSH-approved spirometry courses train their students to obtain the best possible results from subjects through appropriate preparation and coaching.

While many techniques are taught in these courses, some practitioners encourage the test subjects to strive for results that meet or exceed the predicted values for forced vital capacity (FVC) and forced expiratory volume in one second (FEV1). Many tables for these predicted values exist (e.g., NHANES III), which present normal results based on a subject's race, age, gender, and height.

The CCS-200 Spirometer from Benson Medical Instruments Co. is designed to easily allow testers access to this helpful information. The software displays the predicted values both in the flow-volume and volume-time graphs, and also in tabular form next to the individual maneuver

indices. Because both are available right on the screen, the operator can use the data to coach the test subject and obtain the best results.

There is more to performing a spirogram than coaching the test subject. Beyond proper technique, there is always a concern for safety, and most spirometers will require undue attention as well. Many older models have complex cleaning requirements (or encourage users not to clean the sensors), make the operator press buttons or keys during the spirogram, or can force users to cancel spurious maneuvers if the instrument is not held impossibly still. Benson Medical Instruments Co. thought of all these issues while designing the new CCS-200 Spirometer. It measures expiratory flow using ultrasonic technology, so no contact is made with the sensors, which are completely out of the air path. Benson Medical's proprietary U-tube mouthpiece is easy to insert and eject, and the channel is easily accessible for cleaning and disinfecting. Each maneuver starts automatically without operator intervention, and the handheld spirometer is relatively insensitive to false starts.

"By streamlining operations that are a chore with older spirometers, we make time for important elements of pulmonary function testing," explains David Mayou, Sales Manager for Benson Medical Instruments. "We give our customers the data they need for effective coaching, and our innovative technology makes it easier to get consistently valid results without hassle."

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 (Website) www.bensonmedical.com

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