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Spirometer Validated Through Independent Testing

MINNEAPOLIS, MN (February 1, 2017) — Benson Medical Instruments' CCS-200 Spirometer recently received certification as a result of expert testing. In November 2016, the CCS-200 Spirometer was validated through independent testing conducted by pulmonary function professionals who are well known for testing spirometers over the last decade and more.

The test results show that the CCS-200 complies with American Thoracic Society (ATS 2005) performance standards. Dynamic waveform testing was performed of Forced Vital Capacity (FVC), Forced Expiratory Volume in one second (FEV1), midflows (FEF25%-75% or MMEF), and Peak Expiratory Flow (PEF). Testing was done both with ambient air and under BTPS conditions. Human subject testing was also conducted.

OSHA, which regulates occupational health testing procedures in the United States, recommends that spirometers used for occupational health be validated by independent laboratories. The OSHA publication "Spirometry Testing in Occupational Health Programs" states, "Before purchasing a spirometer, OSHA recommends that users obtain written verification from the manufacturer that a prototype of that spirometer was tested and met at least the ATS/ERS minimum specifications for accuracy and precision."

"The CCS-200 Spirometer with its robust data management, as well as archival and customization capabilities, was specifically designed for occupational health testing," states Jim Teter, Sales Manager at Benson Medical Instruments. "With the independent validation, more occupational health programs can benefit from using it."

Benson Medical Instruments Co. designs and manufactures audiometers, spirometers, and software to manage hearing conservation and occupational spirometry programs for companies. For more information: Jim Teter, 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) [Benson Medical \(http://bit.ly/2b3285j\)](http://bit.ly/2b3285j).

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